



#19

## SEQUENCE LISTING

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Singh, Lalji

<120> UNIVERSAL PRIMERS FOR WILDLIFE IDENTIFICATION

<130> U 013365-9

<140> 09/821,782

<141> 2001-03-29

<160> 255

<170> PatentIn version 3.1

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<212> DNA

<213> Artificial

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<223> Universal primer "mcb 398" for amplifying fragment of cytochrome  
b gene of animal species

<400> 1  
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<210> 2

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<213> Artificial

<220>

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b gene of animal species

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<210> 3

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animal species

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<211> 23

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<213> Artificial

<220>  
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<400> 4  
tatgcaaata ggaagtatca ttc 23

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<211> 328  
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ttcatccttc catttatcat ctgagctcta gcagcagtcc acctcctatt ccttcacgag 120  
acaggatcta acaaccctc aggaatagta tccgactcag acaaaattcc attccaccca 180  
tactacacaa tcaaagatat cctgggcctt ctagtactaa tcttagcact catactactc 240  
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<210> 6  
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<220>  
<221> misc\_feature  
<223> DNA sequence generated from the known tiger (Panthera tigris tigris) animal number 1 using primers mcb398 and mcb869

<400> 6  
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ttcatccttc catttatcat ctcagcccta gcagcagtc acctcctatt cctccatgag	120
acaggatcta acaaccctc aggaatagta tctgactcag acaaaatccc gttccaccca	180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaact catactactc	240
gtcctattct caccagacct attaggggac cccgataact acatccccgc caaccctcta	300
aacaccctc cccatatcaa gcgcgaat	328

<210> 7  
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 <212> DNA  
 <213> bh26t

<220>  
 <221> misc\_feature  
 <223> DNA sequence generated from the known tiger (*Panthera tigris*  
           *tigris*) animal number 3 using primers mcb398 and mcb869

<400> 7	
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ttcatccttc catttatcat ctcagcccta gcagcagtc acctcctatt cctccatgag	120
acaggatcta acaaccctc aggaatagta tctgactcag acaaaatccc gttccaccca	180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaact catactactc	240
gtcctattct caccagacct attaggggac cccgataact acatccccgc caaccctcta	300
aacaccctc cccatatcaa gcgcgaat	328

<210> 8  
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 <212> DNA  
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<220>  
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           *tigris* animal number 3 using primers mcb398 and mcb869)

<400> 8	
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ttcatccttc catttatcat ctcagcccta gcagcagtc acctcctatt cctccatgag	120
acaggatcta acaaccctc aggaatagta tctgactcag acaaaatccc gttccaccca	180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaact catactactc	240
gtcctattct caccagacct attaggggac cccgataact acatccccgc caaccctcta	300

aacacccctc cccatatcaa gcgcgaat

328

<210> 9  
<211> 328  
<212> DNA  
<213> bhz45t

<220>  
<221> misc\_feature  
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tigris) animal number 4 using primers mcb398 and mcb869

<400> 9  
tgaatctgag gaggtttctc agtagacaaa gccaccctga cacgattctt tgccttccac 60  
ttcatccttc catttatcat cttagcccta gcagcagtc acctcctatt cctccatgag 120  
acaggatcta acaacccctc aggaatagta tctgactcag acaaaatccc gttccaccca 180  
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaact catactactc 240  
gtcctattct caccagacct attaggggac cccgataact acatccccgc caaccctcta 300  
aacacccctc cccatatcaa gcgcgaat 328

<210> 10  
<211> 328  
<212> DNA  
<213> bhz56t

<220>  
<221> misc\_feature  
<223> DNA sequence generated from the known tiger (*Panthera tigris*  
tigris) animal number 5 using primers mcb398 and mcb869

<400> 10  
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ttcatccttc catttatcat cttagcccta gcagcagtc acctcctatt cctccatgag 120  
acaggatcta acaacccctc aggaatagta tctgactcag acaaaatccc gttccaccca 180  
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaact catactactc 240  
gtcctattct caccagacct attaggggac cccgataact acatccccgc caaccctcta 300  
aacacccctc cccatatcaa gcgcgaat 328

<210> 11  
<211> 328  
<212> DNA

<213> bhz63t

<220>

<221> misc\_feature

<223> DNA sequence generated from the known tiger (*Panthera tigris* tigris) animal number 6 using primers mcb398 and mcb869

<400> 11

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tgaatctgag gaggtttctc agtagacaaa gccaccctga cacgattctt tgccttccac      60
ttcatccttc catttatcat ctcagcccta gcagcagtcc acctcctatt cctccatgag      120
acaggatcta acaacccttc aggaatagta tctgactcag acaaaatccc gttccaccca      180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaacact catactactc      240
gtcctattct caccagacct attaggggac cccgataact acatccccgc caaccctcta      300
aacacccttc cccatatcaa gcgcgaat                                     328
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<210> 12

<211> 328

<212> DNA

<213> bhz20wt

<220>

<221> misc\_feature

<223> DNA sequence generated from the known tiger (*Panthera tigris* tigris) animal number 1 using primers mcb398 and mcb869

<220>

<221> misc\_feature

<223> DNA sequence generated from the known white tiger (*Panthera tigris tigris*) animal number 1 using primers mcb398 and mcb869

<400> 12

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tgaatctgag gaggtttctc agtagacaaa gccaccctga cacgattctt tgccttccac      60
ttcatccttc catttatcat ctcagcccta gcagcagtcc acctcctatt cctccatgag      120
acaggatcta acaacccttc aggaatagta tctgactcag acaaaatccc gttccaccca      180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaacact catactactc      240
gtcctattct caccagacct attaggggac cccgataact acatccccgc caaccctcta      300
aacacccttc cccatatcaa gcgcgaat                                     328
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<210> 13

<211> 328

<212> DNA

<213> bhz22wt

<220>  
 <221> misc\_feature  
 <223> DNA sequence generated from the known white tiger (Panthera tigris tigris) animal number 2 using primers mcb398 and mcb869

<400> 13  
 tgaatctgag gaggttctc agtagacaaa gccaccctga cacgattctt tgccttccac 60  
 ttcatccttc catttatcat ctgagcccta gcagcagtc acctcctatt cctccatgag 120  
 acaggatcta acaaccctc aggaatagta tctgactcag acaaaatccc gttccaccca 180  
 tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaact catactactc 240  
 gtcctattct caccagacct attaggggac cccgataact acatccccgc caaccctcta 300  
 aacaccctc cccatatcaa gcgcgaat 328

<210> 14  
 <211> 328  
 <212> DNA  
 <213> bh23wt

<220>  
 <221> misc\_feature  
 <223> DNA sequence generated from the known white tiger (Panthera tigris tigris) animal number 3 using primers mcb398 and mcb869

<400> 14  
 tgaatctgag gaggttctc agtagacaaa gccaccctga cacgattctt tgccttccac 60  
 ttcatccttc catttatcat ctgagcccta gcagcagtc acctcctatt cctccatgag 120  
 acaggatcta acaaccctc aggaatagta tctgactcag acaaaatccc gttccaccca 180  
 tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaact catactactc 240  
 gtccatttct caccagacct attaggggac cccgataact acatccccgc caaccctcta 300  
 aacaccctc cccatatcaa gcgcgaat 328

<210> 15  
 <211> 328  
 <212> DNA  
 <213> bh28wt

<220>  
 <221> misc\_feature  
 <223> DNA sequence generated from the known white tiger (Panthera tigris tigris) animal number 4 using primers mcb398 and mcb869

<400> 15  
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ttcatccttc catttatcat ctacagcccta gcagcagtcc acctcctatt cctccatgag 120  
acaggatcta acaaccctc aggaatagta tctgactcag acaaaatccc gttccaccca 180  
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaact catactactc 240  
gtcctattct caccagacct attaggggac cccgataact acatccccgc caaccctcta 300  
aacaccctc cccatatcaa ggcggaat 328

<210> 16  
<211> 328  
<212> DNA  
<213> gz1L

<220>  
<221> misc\_feature  
<223> DNA sequence generated from the known leopard (Panthera pardus)  
animal number 1 using primers mcb398 and mcb869

<220>  
<221> misc\_feature  
<223> DNA sequence generated from the known leopard (Panthera pardus)  
animal number 1 using primers mcb398 and mcb869

<400> 16  
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ttcatccttc catttatcat ctacagctcta gcagcagtcc acctcctatt ccttcacgag 120  
acaggatcta acaaccctc aggaatagta tccgactcag acaaaattcc attccaccca 180  
tactacacaa tcaaagatat cctgggcctt ctagtactaa tcctagcact catactactc 240  
gtcctattct caccagacct gttaggagac cccgataact acatccctgc caaccctcta 300  
aataccctc cccatatcaa ggcctgaat 328

<210> 17  
<211> 328  
<212> DNA  
<213> gz2L

<220>  
<221> misc\_feature  
<223> DNA sequence generated from the known leopard (Panthera pardus)  
animal number 2 using primers mcb398 and mcb869

<220>

<221> misc\_feature  
<223> DNA sequence generated from the known leopared (Panthera pardus)  
animal number 2 using primers mcb398 and mcb869

<400> 17  
tgaatctgag gaggtttctc agtagacaaa gctaccttga cacgattctt tgccttccac 60  
ttcatccttc catttatcat ctacagctcta gcagcagtcc acctcctatt ccttcacgag 120  
acaggatcta acaaccctc aggaatagta tctgactcag acaaaattcc attccaccca 180  
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcttagcact catactactc 240  
gtcctattct caccagacct gttgggagac cccgataact acatccccgc caaccctcta 300  
aataccctc cccatatcaa gcctgaat 328

<210> 18  
<211> 328  
<212> DNA  
<213> gz3L

<220>  
<221> misc\_feature  
<223> DNA sequence generatd from the known leopared (Panthera pardus)  
animal number 3 using primers mcb398 and mcb869

<220>  
<221> misc\_feature  
<223> DNA sequence generated from the known leopared (Panthera pardus)  
animal number 3 using primers mcb398 and mcb869

<400> 18  
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ttcatccttc catttatcat ctacagctcta gcagcagtcc acctcctatt ccttcacgag 120  
acaggatcta acaaccctc aggaatagta tctgactcag acaaaattcc attccaccca 180  
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcttagcact catactactc 240  
gtcctattct caccagacct gttgggagac cccgataact acatccccgc caaccctcta 300  
aataccctc cccatatcaa gcctgaat 328

<210> 19  
<211> 327  
<212> DNA  
<213> gz21CL

<220>  
<221> misc\_feature



<223> DNA sequence generated from the known clouded leopard (*Neofelis nebulosa*) animal number 1 using primers mcb398 and mcb869

<400> 19  
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ttcatcctcc cttttatcat ctcagcctta gcagcagttc accttctatt tctccatgaa 120  
aaggatccaa taaccctca ggaatggtat ccgattcaga caaaatcccg ttccaccgt 180  
actatacaat caaagatata ctaggcctcc tagttctaata tctagcgctc aactacttg 240  
ttctattctc ccagaccta ctaggagacc ctgacaatta cactcccgcc aaccctctaa 300  
ataccctcc ccatatcaag cctgaat 327

<210> 20  
<211> 327  
<212> DNA  
<213> gz22CL

<220>  
<221> misc\_feature  
<223> DNA sequence generated from the known clouded leopard (*Neofelis nebulosa*) animal number 2 using primers mcb398 and mcb869

<400> 20  
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ttcatcctcc cttttatcat ctcagcctta gcagcagttc accttctatt tctccatgaa 120  
aaggatccaa taaccctca ggaatggtat ccgattcaga caaaatcccg ttccaccgt 180  
actatacaat caaagatata ctaggcctcc tagttctaata tctagcgctc aactacttg 240  
ttctattctc ccagaccta ctaggagacc ctgacaatta cactcccgcc aaccctctaa 300  
ataccctcc ccatatcaag cctgaat 327

<210> 21  
<211> 328  
<212> DNA  
<213> darz14SL

<400> 21  
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ttcatccttc cttttatcat ctcagcccta gcagcagttc acctcctatt cctccatgag 120  
acaggatcta acaaccctc aggaatagta tctgactcag aaaaaatccc gttccaccca 180  
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaact catactactc 240

gtcctattct caccagacct attaggggac gccgataact acatccccgc caaccctcta 300  
aacacccctc cccatatcaa gcccgaaat 328

<210> 22  
<211> 328  
<212> DNA  
<213> darz15SL

<220>  
<221> misc\_feature  
<223> DNA sequence generated from the known snow leopard (*Panthera  
unica*) animal number 2 using primers mcb398 and mcb869

<400> 22  
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ttcatccttc catttatcat ctcagcccta gcagcagtcc acctcctatt cctccatgag 120  
acaggatcta acaacccctc aggaatagta tctgactcag acaaaatccc gttccaccca 180  
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaact catactactc 240  
gtcctattct caccagacct attaggggac gccgataact acatccccgc caaccctcta 300  
aacacccctc cccatatcaa gcccgaaat 328

<210> 23  
<211> 328  
<212> DNA  
<213> darz16SL

<220>  
<221> misc\_feature  
<223> DNA sequence generated from the known snow leopard (*Panthera  
unica*) animal number 3 using primers mcb398 and mcb869

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ttcatccttc catttatcat ctcagcccta gcagcagtcc acctcctatt cctccatgag 120  
acaggatcta acaacccctc aggaatagta tctgactcag acaaaatccc gttccaccca 180  
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaact catactactc 240  
gtcctattct caccagacct attaggggac gccgataact acatccccgc caaccctcta 300  
aacacccctc cccatatcaa gcccgaaat 328

<210> 24  
<211> 328

<212> DNA  
<213> sbz22AL

<400> 24  
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acaggatcta ataaccctc aggaatggta tctgactcag ataaaattcc attccatcca 180  
tactatacaa tcaaagatat cctaggcctt ctagtactaa tcttaacact catactactc 240  
gtcctattct caccagacct attaggagat cccgacaact atacccccgc caatcctcta 300  
agcaccctc cccatatcaa acctgaat 328

<210> 25  
<211> 328  
<212> DNA  
<213> sbz38AL

<220>  
<221> misc\_feature  
<223> DNA sequence generated from the known asiatic lion (Panthera leopersica) animal number 2 using primers mcb398 and mcb869

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ttcatccttc catttatcat ctcagcccta gcagcagtcc acctcctggt cctccatgaa 120  
acaggatcta ataaccctc aggaatggta tctgactcag ataaaattcc attccatcca 180  
tactatacaa tcaaagatat cctaggcctt ctagtactaa tcttaacact catactactc 240  
gtcctattct caccagacct attaggagat cccgacaact atacccccgc caatcctcta 300  
agcaccctc cccatatcaa acctgaat 328

<210> 26  
<211> 328  
<212> DNA  
<213> sbz39AL

<220>  
<221> misc\_feature  
<223> DNA sequence generated from the known asiatic lion (Panthera leopersica) animal number 3 using primers mcb398 and mcb869

<400> 26  
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ttcatccttc catttatcat ctcagcccta gcagcagtcc acctcctggt cctccatgaa 120

acaggatcta ataaccctc aggaatggta tctgactcag ataaaattcc attccatcca	180
tactatacaa tcaaagatat cctaggcctt ctagtactaa tcttaacact catactactc	240
gtcctattct caccagacct attaggagat cccgacaact atacccccgc caatcctcta	300
agcaccctc cccatatcaa acctgaat	328

<210> 27  
 <211> 328  
 <212> DNA  
 <213> humsk

<220>  
 <221> misc\_feature  
 <223> DNA sequence gerated from the known human (Homo sapiens sapiens)  
 using primers mcb398 and mcb869

<400> 27	
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ttcatcttgc ccttcattat tgcagcccta gcagcactcc acctcctatt cttgcacgaa	120
acgggatcaa acaaccctc aggaatcacc tcccattccg ataaaatcat cttccaccct	180
tactacacaa tcaaagacgc cctcggtta cttctcttcc ttctctcctt aatgacatta	240
acactattct caccagacct cctaggcgac ccagacaatt ataccctagc caaccctta	300
aacaccctc cccacatcaa gcccgat	328

<210> 28  
 <211> 328  
 <212> DNA  
 <213> chimss

<220>  
 <221> misc\_feature  
 <223> DNA sequence gerated from the known chimpanzee (pan troglodytes)  
 animal using primers mcb398 and mcb869

<400> 28	
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tttatcttac ccttcattat cacagcccta acaacacttc atctcctatt cttacacgaa	120
acaggatcaa ataaccctc gggaatcacc tccactccg aaaaattac cttccacccc	180
tactacacaa tcaaagatat ccttggtta ttcttttcc tccttctcct aatgacatta	240
acactattct caccagacct cctggcgat ccagacaact ataccctagc taaccctta	300

aacacccac cccacattaa acccgaat

328

<210> 29  
<211> 472  
<212> DNA  
<213> Cervus nippon centralis

<400> 29  
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ttccatatat tggcacaaac ctagtcgaat ggatctgagg gggcttctca gtagataaag 120  
caaccctaac ccgatttttc gctttccact ttattcttcc atttatcatc gcagcacttg 180  
ctatagtaca cttactcttc cttcacgaga caggatccaa caacccaaca ggaatcccat 240  
cggacgcaga caaaatcccc ttccatcctt actacaccat taaagatatc ttaggcatct 300  
tacttctagt actcttctca atattactag tattattcgc accagacctg cttggagatc 360  
cagacaacta taccacagca aatccactca acacaccccc tcacatcaaa cctgaatgat 420  
acttcctatt tgcatacgca atcctacgat caattcccaa caaactagga gg 472

<210> 30  
<211> 472  
<212> DNA  
<213> Cervus nippon yesoensis

<400> 30  
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ttccatatat tggcacaaac ctagtcgaat ggatctgagg gggcttctca gtagataaag 120  
caaccctaac ccgatttttc gctttccact ttattcttcc atttatcatc gcagcacttg 180  
ctatagtaca cttactcttc cttcacgaga caggatccaa caacccaaca ggaatcccat 240  
cggacgcaga caaaatcccc ttccatcctt actacaccat taaagatatc ttaggcatct 300  
tacttctagt actcttctca atattactag tattattcgc accagacctg cttggagatc 360  
cagacaacta taccacagca aatccactca acacaccccc tcacatcaaa cctgaatgat 420  
acttcctatt tgcatacgca atcctacgat caattcccaa caaactagga gg 472

<210> 31  
<211> 472  
<212> DNA  
<213> Cervus nippon keramae

<400> 31  
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ttccatacat tggcacaaac ctagtcgaat ggatctgagg aggcttttca gtagataaag	120
caaccctaac ccgatttttc gccttccact ttattcttcc atttatcatc acagcactcg	180
ctatagtaca cttactcttc cttcacgaga caggatccaa caacccaaca ggaatcccat	240
cggacgcaga caaaatcccc ttccatcctt actataccat taaagatatc ctaggcatct	300
tactttctagt actcttcttg atattactag tattattcgc accagacctg cttggagatc	360
cagacaacta caccocagca aatccgctca acacaccccc tcacatcaaa cctgaatgat	420
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 <212> DNA  
 <213> Cervus nippon pulchellus

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caaccctaac ccgatttttc gccttccact ttattcttcc atttatcatc acagcactcg	180
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cggacgcaga caaaatcccc ttccatcctt actataccat taaagatatc ctaggcatct	300
tactttctagt actcttcttg atattactag tattattcgc accagacctg cttggagatc	360
cagacaacta caccocagca aatccgctca acacaccccc tcacatcaaa cctgaatgat	420
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<210> 33  
 <211> 472  
 <212> DNA  
 <213> Cervus nippon nippon

<400> 33	
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caaccctaac ccgatttttc gccttccact ttattcttcc atttatcatc acagcactcg	180
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cggacgcaga caaaatcccc ttccatcctt actataccat taaagatatc ctaggcatct	300
tactttctagt actcttcttg atattactag tattattcgc accagacctg cttggagatc	360
cagacaacta caccocagca aatccgctca acacaccccc tcacatcaaa cctgaatgat	420

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<210> 34  
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<212> DNA  
<213> Cervus elaphus scoticus

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caaccctaac ccgatttttc gctttccact ttattctccc atttatcatc gcagcactcg 180  
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tacttcttgt actcttctta atattactag tattattcgc accagaccta cttggagatc 360  
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<210> 35  
<211> 472  
<212> DNA  
<213> Cervus dama

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caaccttaac tcgattcttc gctttccact ttattctacc attcatcatt gcggcacttg 180  
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cagatgtaga taaaattccc ttctatccct actacacat taaagatatt ttaggcatcc 300  
tattcctatt tctcttctta ataacactag tactatttgc accagacttg cttggagacc 360  
cagacaaata cactccagca aatccactca acacacctcc tcatattaaa cccgaatgat 420  
acttcctatt tgcatacgca atcctacgat caattcccaa taaattagga gg 472

<210> 36  
<211> 472  
<212> DNA  
<213> Rangifer tarandus

<400> 36  
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cagacaacta	taccccagca	aaccactca	acactcccc	tcatattaaa	cctgaatgat	420
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 <212> DNA  
 <213> Moschus fuscus

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ctggttgaat	
gaatttgagg	
aggcttctca	
gtagacaaag	
caacactcac	180
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gcctttcact	
tcattctccc	
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caggatccaa	
caacccaaca	
ggaatcacat	
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caaagacatt	
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tactattcac	
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cggacaatta	420
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atacgcccc	
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cccgaatgat	
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gg	

<210> 38  
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 <212> DNA  
 <213> Moschus leucogaster

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gaatttgagg	
aggcttctca	
gtagacaaag	
caacactcac	180
ccgattcttt	
gccttccact	
tcattctccc	
atttatcatc	
gcagcactcg	
ctatggttca	240
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caggatccaa	
caacccaaca	
ggaatcacat	
cagatataga	300
caaaatccca	
ttccaccct	
actacaccat	
caaagacatt	
ctaggtgtcc	
tattactaat	360
cttagtctta	
ataacactag	
tactattcac	
acctgattta	
cttggagacc	



cggacaatta	taccccagca	aaccatttaa	atacaccccc	acatattaaa	cccgaatgat	420
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<210> 39  
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 <212> DNA  
 <213> Moschus chrysogaster

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caacactcac	tcgattcttt	gccttccact tcattctccc atttatcatc gcagcactcg 180
ctatgggttca	cctactcttt	ctccacgaaa caggatccaa caaccaaca ggaatcatat 240
cagacataga	caaaatccca	ttccacccct actacaccat caaagacatt ctaggtgtcc 300
tattactaat	cctagtctta	ataaactag tactattcac acctgattta cttggagacc 360
cggacaatta	taccccgga	aaccatttaa atacgcccc acatattaaa cccgaatgat 420
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<210> 40  
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 <212> DNA  
 <213> Moschus berezovskii

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caacactcac	ccgattcttt	gccttccact tcattctccc atttatcatc gcagcactcg 180
ctatgggttca	cctactcttt	ctccacgaaa caggatccaa caaccaaca ggaatcatat 240
cagacataga	caaaatccca	ttccacccct actaacat caaagacatt ctaggtgtcc 300
taataactaat	cttagtctta	atagtactag tactattcac acccgattta cttggagacc 360
cggacaatta	taccccagca	aaccatttaa acacaccacc acatattaaa cccgaatgat 420
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<210> 41  
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 <212> DNA  
 <213> Moschus moschiferus

<400> 41

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caacactcac	ccgattcttt	gcctttcact	ttatcctccc	atztatcatt	gcagcactcg	180
ccatgggtca	tctactcttt	ctccatgaaa	caggatccaa	taaccaaca	ggaatcacat	240
cagacataga	caaaatccca	ttccaccct	actacaccat	caaagatatt	ctaggtatcc	300
tattactaat	cttaatctta	atagcactag	tgctatttac	acccgaccta	cttgagatc	360
cggacaacta	tactccagca	aaccattaa	atacacctcc	acatattaaa	cccgaatggt	420
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<210> 42  
 <211> 472  
 <212> DNA  
 <213> *Kobus ellipsiprymnus*

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caacccttac	ccgcttcttc	gccttccact	ttattctccc	atztatcatc	gcggctatta	180
ccatagtcca	tcttctgttt	ctccatgaaa	caggatccaa	taatcccaca	ggaatctcat	240
cagacataga	taaaatccca	ttccaccct	actacaccat	caaagacatt	ctaggcgccc	300
tactactaat	cctagtccta	atactcctag	ttctattcgc	ccccgaccta	cttgagatc	360
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acttcttatt	cgcatatgca	attctacgat	caatcccca	caaactagga	gg	472

<210> 43  
 <211> 472  
 <212> DNA  
 <213> *Kobus megaceros*

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caacccttac	ccgcttcttc	gccttccact	ttatcctccc	atztatcatc	gcagctatcg	180
ctatagttca	cctactattc	cttcatgaaa	caggatctaa	caaccctaca	gggatttcat	240
cagacacaga	caaaatccca	ttccaccat	attataccat	caaagatatt	ctaggtgccc	300
tcctattaat	cctaatacta	atactcctag	tactatttgc	ccccgaccta	cttgagacc	360

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<210> 44  
 <211> 472  
 <212> DNA  
 <213> Redunca arundinum

<400> 44  
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 tactgctaatt cctagtccta atgctcttag tattattcac cctgacctc ctcgagatc 360  
 ccgacaatta tactccagca aatccactca acacaccccc tcatattaaa ccggaatgat 420  
 attttcttatt tgcatacgca atcctacgat caatcccaa taaactagga gg 472

<210> 45  
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 <212> DNA  
 <213> Redunca fulvorufula

<220>  
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<220>  
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 <222> (431)..(431)  
 <223> unknown

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 caaccctcac tcgattcttc gccttcact ttatcctccc atttatcatc atagccctcg 180  
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tactactaat cctggcccta acactattag tactattcac ccctgaccta ctcggagacc	360
cggacaatta caccgccagca aaccactca acacaccccc tcacatcaaa ccagaatggt	420
acttcttatt ngcatacgca atcctacgat caatccccaa taaactagga gg	472

<210> 46  
 <211> 472  
 <212> DNA  
 <213> *Neotragus moschatus*

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caaccctcac cggatttttt gctttccact tcattctccc atttatcatc gcagcactcg	180
ccatagtcca cttactcttc ctacacgaaa caggatccaa caaccccaca ggaatctcat	240
cagacgcaga caaaatccca ttccacccct actacaccat taaagacatt ctaggcgcca	300
tcctactaat tctagtgcta acactottag ttttatttgc acctgacctt ttaggagacc	360
cagacaacta ccccccgca aacctctta acacgcctcc ccatatcaaa cccgaatgat	420
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<210> 47  
 <211> 472  
 <212> DNA  
 <213> *Pelea capreolus*

<400> 47	
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caaccctcac cggatttttt gctttccact ttattctccc atttatcatt gcagccctca	180
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ccgacataga caaaattcca ttccacccat actacaccat taaagatatt ctaggcgct	300
tattactaat cctaatocta acactcctag tattatttac ccctgaccta ttaggagacc	360
ctgacaatta caccctgca aaccgctca acacaccccc tcatatcaaa cccgaatgat	420
atttcttatt tgcatatgcg attctacgat caattcccaa caaactagga gg	472

<210> 48  
 <211> 472  
 <212> DNA  
 <213> *Antilope cervicapra*

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caacccttac cggatttttc gccttccact ttatctctcc atttatcatt gcagccctta 180  
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cagacgcaga caaaattcca ttccaccct actacactat caaagatatc ctaggagctc 300  
tactattaat ttttaaccctc atgcttctag tcctattctc accggacctg cttggagacc 360  
cagacaacta tacaccagca aaccactta atacaccccc acatatcaag cccgaatgat 420  
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<210> 49  
<211> 472  
<212> DNA  
<213> Saiga tatarica

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caaccctcac cggattcttc gccttccact tcctctctcc atttattatc gcagctctcg 180  
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cagattcaga caaaatccca ttccaccct actacacat taaagacatt ctaggcgccc 300  
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<210> 50  
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<212> DNA  
<213> Gazella dama

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caacactcac cggattcttt gccttccatt tcctctctcc attcatcatt gcagcccttg 180  
ccatagttca tctattattt cttcacgaaa caggatccaa caaccccaca ggaatttcat 240  
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cagacaacta cacaccagca aatccactca atacaccccc acatattaag cctgagcgat	420
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<210> 51  
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 <212> DNA  
 <213> Ourebia ourebi

<400> 51	
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<210> 52  
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 <212> DNA  
 <213> Gazela gazella

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cagacgcaga caaaatccca ttccacccct actacaccat caaggacatt ctaggagcac	300
tactactaat cctagttctt atactcctag ttctgttctc accggacctc ctcggagacc	360
cagacaacta tacaccagca aatccactca acacaccccc acacatcaaa cctgaatggg	420
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<210> 53  
 <211> 472  
 <212> DNA

<213> *Raphicerus melanotis*

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caaccctcac cggattcttc gcttttcaact tcagttctcc atttatcatc gcagccctag 180  
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<210> 54

<211> 472

<212> DNA

<213> *Madoqua kirkii*

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caaccctcac cggattcttc gccttccatt ttattctccc attcattatt gcagccctag 180  
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<210> 55

<211> 472

<212> DNA

<213> *Antilocapra americana*

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caaccctcac cggattcttc gcattccact ttatctctcc attcatcatt gcagcactag 180  
ccatagtaca cttactattc ctccacgaaa caggatccaa caaccccaca ggaatcccat 240

cagacgcaga caaaatccca ttccacccat actacacccat caaagacatt ctaggagcac	300
tactaataat cttagcccta ataatactag tactattctc accagacctg ttaggagacc	360
ccgacaacta cacaccagct aaccactca acactcccc acacattaag ccagaatgat	420
atttcctatt cgcatacgca atcctacgat caatccctaa caaactagga gg	472

<210> 56  
 <211> 472  
 <212> DNA  
 <213> Tragulus javanicus

<400> 56	
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tcccatacat tggcacagac ttggctgaat gaatctgagg tggtttttca gtagacaaag	120
caacccttac acgattcttt gccttccact ttatccttcc atttatcatt acagccctag	180
tcctagtcca ccttttattt ctccacgaaa caggatctaa taaccccaca ggaatccct	240
cagacgcaga caaaatcccc ttccacccat actacactat taaagacatt ctaggggttc	300
tagccctatt tctagcccta atactactag tcctattctc acccgacctc cttggagacc	360
cagataacta ccccccgcc aacccctta acacaccacc ccatatcaaa cccgaatgat	420
atttcttatt tgcatacgca attcttcggg caatccccaa taaactagga gg	472

<210> 57  
 <211> 472  
 <212> DNA  
 <213> Tragulus napu

<400> 57	
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tcccctatat cggcaccgaa ctagttgaat gaatctgagg cgggttctca gtagacaaag	120
caacccttac acgatttttt gccttccact tcctcctccc atttgtcatt acagccctag	180
ccctagtcca tcttttattt ctccacgaga caggatcaaa taaccccaca ggaatccct	240
cagacgcaga caagatcccc ttccacccat actacacccat caaagatgtc ctaggggctc	300
tagtcctaact actagtcctt ctattactag tcctattttc accggacttg ttgggagacc	360
ccgacaatta cactccggca aacccctca acacaccacc tcatattaag ccagagtggg	420
atttcctatt cgcatacgca atcctacgat caatccccaa taaattagga gg	472

<210> 58  
 <211> 472



<212> DNA  
<213> Balaenoptera acutorostrata

<400> 58  
taccctgagg acaaatatca ttttgaggtg caaccgtcat caccaacctc ctatcagcaa 60  
tcccatatat tgggtactacc ttagtcgaat gaatctgagg tggcttctct gtagacaaag 120  
caacattaac acgctttttt gccttccact tcctcctccc ttttattatc ctagcattag 180  
caattgtcca cctcattttt ctccacgaaa caggatccaa taaccccaca ggtatcccat 240  
ctgacataga caaaatccca ttccaccctt actacacaat caaagacatt ctaggcgccc 300  
tactactaat tctaacccta ctagcactaa ccctattcgc accggacctg cttggagacc 360  
ccgacaacta taccocagca aacccactca gtaccccgagc acacattaaa ccagaatgat 420  
acttcctatt cgcatacgca atcctacgat caatccctaa taaactaggc gg 472

<210> 59  
<211> 472  
<212> DNA  
<213> Balaenoptera bonaerensis

<400> 59  
taccctgagg acaaatatca ttttgaggcg caaccgtcat caccaacctc ctatcagcaa 60  
tcccatatcat tgggtaccacc ttagttgaat gaatctgagg tggcttctct gtagacaaag 120  
caacattaac acgctttttt gccttccact tcctcctccc tttcattatc ctagcattag 180  
caattgtcca cctcattttt ctccgcgaaa caggatccaa taaccccaca ggtattccat 240  
ctgatataga caaaatccca ttccaccctt attacacaat caaagacatt ctaggcgccc 300  
tactactaat tctaacccta ctaacactaa ccctattcgc acccgacctg ctggagacc 360  
ccgacaacta caccocagca aacccactca gtaccccgagc acacattaaa ccagaatgat 420  
atcttctatt cgcatacgca atcctacgat caatcccaa taaactaggc gg 472

<210> 60  
<211> 472  
<212> DNA  
<213> Balaenoptera borealis

<400> 60  
taccctgagg acaaatatca ttttgaggcg caaccgtcat caccaacctc ttatcagcaa 60  
tcccatatcat tgggtactacc ctagtcgaat ggatctgagg cggtttctct gtagataaag 120  
caacactaac acgctttttt gccttccact tcattctccc cttcattatt ctagcactag 180  
caatgggtcca cctcattttt ctccatgaaa caggatccaa caaccccaca ggtattccat 240

ccgacataga caaaatccca ttccaccctt actacacagt taaagacatt ctaggcgccc	300
tactactaat cctaacccta ctaatactaa ccctattcgc acccgacctg cttggagacc	360
cagacaacta caccocagca aatccactca gtaccccagc acacattaaa ccagaatgat	420
atttcctatt tgcatacgca atcctacgat caatccccaa caaattaggc gg	472

<210> 61  
 <211> 472  
 <212> DNA  
 <213> Balaenoptera edeni

<400> 61	
taccctgagg acaaatatca ttttgaggcg caaccgtcat caccaacctc ttatcagcaa	60
tcccatacat tggctactacc ctagtcgaat gaatctgggg cggttttctct gtagataaag	120
caacactaac acgctttttt gccttccact ttatcctccc cttcattatt ctagcactag	180
caatggtcca cctcattttc ctccacgaaa caggatccaa taaccccaca ggtattccat	240
ccaacataga caaaatccca ttccaccctt attacacaac taaagacatt ctaggcgccc	300
tactactaat cctaacccta ctaatgctaa ccctattcgt acccgacctg cttggagacc	360
cagacaacta cactccagca aatccactca gtaccccac acacattaaa ccagaatgat	420
atttcctatt tgcatacgca atcctacgat caattcccaa caaattaggc gg	472

<210> 62  
 <211> 472  
 <212> DNA  
 <213> Eschrichtius robustus

<400> 62	
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tcccatacat tggcactacc ctagtcgaat gggctctgagg cggtttttct gtagataaag	120
caacactaac acgctttctt gccttccact tcctccttcc attcattatc ctagcactag	180
caattgtcca cctcattttc ctccacgaaa cgggatccaa caaccccaca ggcattccat	240
ccaacataga caatatccca ttccaccctt attacacaat taaagacata ctaggcgccc	300
tgctactaat cctaacccta ctaatactaa ccctattcgc acccgacctg ctcgagacc	360
cagacaacta taccocagca aacccactca gcaccccaac acatattaaa ccagagtgat	420
atttcctatt tgcatacgca atcctacgat cgatccccaa caaattaggc gg	472

<210> 63

<211> 472  
<212> DNA  
<213> Balaenoptera musculus

<400> 63  
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tcccatacat tgggtactacc ctagtcgaat gaatctgagg cggtttttct gtggataaag 120  
caacactaac acgctttcttt gccttccact tcattctccc cttcatcatt atagcattag 180  
caatcgtcca cctcatcttc cttcacgaaa caggatccaa caaccccaca ggtatcccat 240  
ctgacataga taaaattcca ttccaccctt actacacaat taaagacatt ctaggcgccc 300  
tactactaat cctaacccta ctaatatata ctctatttgc acccgactta ctcgagagacc 360  
cagacaacta caccacagca aacccactca gtacccacgc acacattaaa ccagagtgat 420  
atttcctatt tgcatatgca atcctacgat caatcccca caaattaggc gg 472

<210> 64  
<211> 472  
<212> DNA  
<213> Megaptera novaeangliae

<400> 64  
taccctgagg acaaatatca ttctgaggcg caaccgtcat caccaacctt ctatcagcaa 60  
tcccatacat tgggtactacc ctagtcgaat gaatctgggg cggtttttcc gtagacaaag 120  
caacactaac acgtttcttt gctttccact tcattctccc cttcatcatt acagcattag 180  
caatcgtcca cctcatcttc ctccacgaaa caggatccaa caaccccaca ggcaccccat 240  
ccaacataga caaaatccca ttccaccctt actacacaat caaagacact ctaggcgccc 300  
tattactaat cctaacccta ctaatgttaa ccctattcgc acctgacctg cttggagacc 360  
cagataacta caccacagca aacccactca gtacccacgc acacattaaa ccagagtgat 420  
atttcctatt tgcatacgca atcctacgat caatcccca caaactaggc gg 472

<210> 65  
<211> 472  
<212> DNA  
<213> Balaenoptera physalus

<400> 65  
tgccctgagg acaaatatca ttctgaggcg caactgtaat cactaacctc ctatcagcaa 60  
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caacactaac acgctttttt gcctttcact ttatctctcc cttcatcatc ctagcattag 180

caattgtcca ccttattttc cttcacgaaa caggatccaa caaccccaca ggcattcccat	240
ccgacataga taaaatccca ttccaccctt accacacaat taaagacatt ctaggtgccc	300
tattactaat cctaactcta ctaatactaa ccctattcgc acccgaccta cttggagacc	360
cagacaacta taccacagca aacccactca gtacccacgc acacattaaa ccagaatggg	420
attttctatt cgcatatgca atcctacgat caatcccaa caaactaggc gg	472

<210> 66  
 <211> 472  
 <212> DNA  
 <213> *Caperea marginata*

<400> 66	
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tcccatatat tgggtaccacc ctagttgaat gaatctgggg tggcttctcc gtagacaaag	120
cgacactaac tcgcttcttt gctttccact tcctcctccc ttctattatt ctagcgctag	180
cagctgttca tctccttttc ctccacgaaa caggatctaa caaccccaca ggcattcccat	240
ccaacataga caaaattcca ttccaccctt actacacaat taaagacatc ctgggcgtcc	300
tactactaat cctgacccta ctaatatata ccttatttac acctgacctg cttggagacc	360
ctgacaacta caccacagca aatcccttca gcacccacgc acacatcaag ccagaatgat	420
acttcctatt tgcatatgca atcctacgat caattcctaa taaattagggt gg	472

<210> 67  
 <211> 472  
 <212> DNA  
 <213> *Cephalorhynchus commersonii*

<400> 67	
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tcccctacat cgggtactacc ttagtagaat gaatctgagg cggattttcc gtagacaaag	120
caacactaac acgctttttc gccttccact ttatcctccc attcatcatc acagcattag	180
cagccgtcca cctactattc ctacacgaaa caggatccaa caaccccaca ggaatcccat	240
ccaacataga cataatccca ttccaccctt attacacaat taaagacatc ctaggcgctt	300
tattcctaata cctaacccta ctagcattaa ccctatttgc ccccgaccta ctaggagacc	360
ctgataacta taccacagca aatccattaa gcacccccgc acacatcaaa ccagagtgat	420
acttcctatt cgcatatgca atcctacgat caattcccaa taaacttgga gg	472

<210> 68  
 <211> 472  
 <212> DNA  
 <213> Cephalorhynchus eutropia

<400> 68  
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 tcccctacat cggtactacc ttagtagaat gaatctgagg cggattttcc gtagacaaag 120  
 caacactaac acgctttttc gccttccact ttatcctccc attcatcatc acagcattag 180  
 cagccgtcca cctactattc ctacacgaaa caggatccaa caaccccaca ggaatcccat 240  
 ccaacataga cataatccca ttccaccctt attacacaat taaagacatc ctaggcgctt 300  
 tattcctaatt cctaacccta ctagcactaa ccctattcgc ccctgaccta ctaggagacc 360  
 ctgataacta taccacagca aatccattaa gcacccccgc acacatcaaa ccagaatgat 420  
 acttcctatt cgcatatgca atcctacgat caattcctaa taaacttgga gg 472

<210> 69  
 <211> 472  
 <212> DNA  
 <213> Lagenorhynchus obliquidens

<400> 69  
 taccctgagg acagatatca ttctgaggtg caacagtcac caccaacctc ctatcagcaa 60  
 tcccctacat cggtactacc ttagtagaat gaatctgagg cggattttcc gtagacaaag 120  
 caacactaac acgctttttc gctttccact ttatcctccc attcatcatc acagcattag 180  
 cagccgtcca cctactattc ctacacgaaa caggatccaa caaccccaca ggaatcccat 240  
 ccaacataga cataatccca ttccaccctt attacacaat taaagacatc ctaggcgctt 300  
 tattcctaatt tctaacccta ctagcactaa ccctattcac ccctgaccta ctaggagacc 360  
 ctgataacta taccacagca aatccattaa gcacccccgc acacatcaaa ccagaatggt 420  
 acttcctatt cgcatatgca atcctacgat caattcctaa taaacttgga gg 472

<210> 70  
 <211> 472  
 <212> DNA  
 <213> Cephalorhynchus heavisidii

<400> 70  
 taccctgagg acaaatatca ttttgaggcg caacagtcac caccaacctc ctatcagcaa 60  
 tcccctacat cggtactacc ttagtagaat gaatctgagg cggattttcc gtggacaaag 120  
 caacactaac acgctttttc gccttccact ttatcctccc attcatcatc acagcattag 180

cagccgtcca tctactattc ctacacgaaa caggatccaa caaccccaca ggaatcccat	240
ccaacataga cataatccca ttccaccctt attacacaat taaagacatc ctaggcgctt	300
tattcctaatt tctagcccta ctagcactaa ccctattcgc ccctgaccta ctgggagacc	360
ctgataacta taccocagca aatccattaa gcacccccgc acacatcaaa ccagaatgat	420
acttcctatt cgcatatgca atcctacgat caatccctaa taaacttgga gg	472

<210> 71  
 <211> 472  
 <212> DNA  
 <213> cephalorhynchus hectori

<400> 71	
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tcccctacat cggcactacc ttagtagaat gaatctgagg aggattttcc gtagacaaag	120
caacactaac acgctttttc gcttttccact ttatcctccc attcatcatc acagcattaa	180
cagccgtcca cctactattc ctacacgaaa caggatccaa caaccccaca ggaattccat	240
ccaacataga cataatccca ttccaccctt attacacaat taaagacatc ttaggcgctt	300
tattcctaatt tctaactcta ctagcactaa ccctattcgc ccctgaccta ctaggagacc	360
ctgataacta taccocagca aatccattaa acacccccgc acacatcaaa ccagaatgat	420
acttcctatt cgcatatgca atcctacgat caattcctaa taaacttgga gg	472

<210> 72  
 <211> 472  
 <212> DNA  
 <213> Lagenorhynchus australis

<400> 72	
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tcccctacat cgggtactacc ttagtagaat gaatctgagg cggattttcc gtagataaag	120
caacactaac acgctttttc gctttccact ttatcctccc attcatcatc acagcattag	180
cagccgtcca cttactattc ttacacgaaa caggatccaa caaccccaca ggaatcccat	240
ccaacataga cataatccca ttccaccctt actacacaac taaagacatc ctaggcgctt	300
tattcctaatt tctagcccta ctagcactaa ccctattcac ccctgaccta ctaggagacc	360
ctgacaacta taccocagca aatccattaa gcacccccgc acacatcaaa ccagaatgat	420
atttcctatt cgcatatgca atcctacgat caattcctaa taaactcgga gg	472

<210> 73  
<211> 472  
<212> DNA  
<213> *Lagenorhynchus cruciger*

<400> 73  
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tcccctacat cgggtactacc ttagtagaat gaatctgagg cggattttcc gtagacaaag 120  
caacactaac acgctttttc gctttccact tcatcctccc attcatcatc acagcattag 180  
cagccgtcca cctgctattc ctacacgaaa caggatccaa caaccccaca ggaatcccat 240  
ccaacataga cataatccca ttccaccctt actacacaat taaagacatc ctaggcgctt 300  
tattcctaata cctaacccta ctagcactaa ccctgttcac ccctgaccta ctaggagacc 360  
ctgacaacta taccacagca aatccattaa gcaccccgcc acacatcaaa ccagaatgat 420  
atttcctatt cgcatacgca atcctacgat caattcctaa taaactcgga gg 472

<210> 74  
<211> 472  
<212> DNA  
<213> *Lagenorhynchus obscurus*

<400> 74  
taccctgagg acagatatca ttttgaggtg caacagtcac caccaacctc ctatcagcaa 60  
tcccctacat tgggtactacc ttagtagaat gaatctgagg cggattttcc gtagacaaag 120  
caacactaac acgctttttc gctttccact ttatcctccc attcatcatc acagcattag 180  
cagccgtcca cctactattc ctacacgaaa cagaatccaa caaccccaca ggaatcccat 240  
ccaacataga cataatccca ttccaccctt attacacaat taaagacatc ctaggtgctt 300  
tattcctaata tctagcccta ctaacactaa ccttattcac ccccgaccta ctaggagacc 360  
ctgataacta taccacagca aatccattaa gcaccccgcc acacatcaaa ccagaatgat 420  
atttcctatt cgcatacgca atcctacgat caattcctaa taaacttgga gg 472

<210> 75  
<211> 472  
<212> DNA  
<213> *Lissodelphis borealis*

<400> 75  
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tcccctacat cgggtactacc ttagtagaat gaatctgagg cggattttcc gtagacaaag 120

caacactaac acgctttttc gctttccact ttatcctccc attcatcatc acagcattag	180
cagctgttca cctactattc ctacacgaaa caggatccaa caaccccaca ggaattccat	240
ccaacataga cataatccca ttccaccctt attacacaat taaagacatc ctgggcgctt	300
tattcttaat tctggcccta ctagcactaa ccctattcac ccctgaccta ttaggagacc	360
ctgataacta caccacagca aatccattaa gcaccctgc acacatcaaa ccagaatggt	420
acttcctatt tgcatacgca atcctacgat caattcctaa taaacttgga gg	472

<210> 76  
 <211> 472  
 <212> DNA  
 <213> *Lissodelphis peronii*

<400> 76	
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caacactaac acgctttttc gctttccact ttatcctccc attcatcatc acagcattag	180
cagctgttca cctactgttc ctacacgaga caggatccaa taaccccaca ggaattccat	240
ccaacataga cataatccca ttccaccctt attacacaat taaagacatc ctgggcgctt	300
tattcttaat tctgacccta ctagcactaa ccctatttac ccctgacctg ttaggagatc	360
ctgataacta caccacagca aatccattaa gcaccctgc acacatcaaa ccagaatggt	420
actttctatt cgcatacgca atcctacgat caattcctaa taaacttgga gg	472

<210> 77  
 <211> 472  
 <212> DNA  
 <213> *Globicephala macrorhynchus*

<400> 77	
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tcccttacat cggcaccacc ttagtagaat gaatctgagg tggattttcc gtagacaaag	120
caacactaac acgttttttc gctttccact ttatcctccc attcatcatc acagcattag	180
tagctgtcca cctgctattc ctacacgaaa caggatccaa taaccccata ggaattccat	240
ccaacataga cataattcca ttccaccctt attatacaat taaagacatc ctaggcgccc	300
tactcttaat cctagcacta ctaacactaa ccctattcac ccctgaccta ctaggagacc	360
ctgataacta tactccagca aatccactaa gcaccctgc acacatcaaa ccagaatgat	420
atttcctatt cgcatatgca atcttacgat caattcccaa taaacttgga gg	472



<210> 78  
 <211> 472  
 <212> DNA  
 <213> Globicephala melas

<400> 78  
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 caacactaac acgttttttc gctttccact ttatcctccc attcatcatc acaacattag 180  
 tagctgtcca cctgctattc ctacacgaaa caggatccaa taaccccata ggaatcccat 240  
 ccaacataga cataattcca ttccaccctt attatacaat taaagatatc ctaggcgccc 300  
 tactcttaat cctagcacta ctaacactaa ccctattcac ccctgaccta ctaggagacc 360  
 ctgataacta tactccagca aaccactaa gcaccctgc acacatcaaa ccagaatgat 420  
 atttcctatt cgcatatgca atcttacgat caattcccaa taaacttgga gg 472

<210> 79  
 <211> 472  
 <212> DNA  
 <213> Feresa attenuata

<400> 79  
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 tcccttacat cggcaccact ttagtagaat gaatctgagg tggattttcc gtagacaaag 120  
 caacactaac acgttttttc gctttccact ttatcctccc attcatcatc acagcattag 180  
 tagctgtcca cctgctattc ctacacgaaa caggatccaa taacccaca ggaatcccat 240  
 ccaacataga cataattcca ttccaccctt attatacaac taaagatatc ctaggtgccc 300  
 tactcttaat tctaacatta ctaacactaa ccctgttcac ccctgaccta ctaggagacc 360  
 ctgataacta tactccagca aaccactaa gcaccctgc acacatcaaa ccagagtgat 420  
 atttcctatt cgcgtatgca atcttacgat caattcctaa taaacttgga gg 472

<210> 80  
 <211> 472  
 <212> DNA  
 <213> Peponocephala electra

<400> 80  
 taccctgagg acagatatca ttctgaggcg caaccgtcat caccaatctc ctatcagcaa 60  
 tcccttacat cggaaccacc ttagtagaat gaatctgagg tggattttcc gtagacaaag 120

caacactaac acgttttttc gctttccact tcctcctccc attcatcatc acagcattgg	180
tagctgtcca cctgctattc ctacacgaaa caggatccaa taaccctaca ggaatcccat	240
ccaacataga cataattcca ttccacccct attatacaat taaagacatc ctaggcgctc	300
tactcttaat cttagcacta ctaacactaa ccctattcac ccctgaccta ctaggagacc	360
ctaacaacta taccacagca aaccactaa gcaccctgc acacatcaaa ccagaatgat	420
atttcctatt cgcatatgca atcttacgat caattcccaa taaacttgga gg	472

<210> 81  
 <211> 472  
 <212> DNA  
 <213> *Grampus griseus*

<400> 81	
taccctgagg acaaatatca ttctgaggcg caaccgtcat caccaatctc ctatcagcaa	60
tcccctacat cggtactact ttagtagaat gaatctgagg tggattttcc gtagacaaag	120
caacactaac acgttttttc gctttccact ttatcctccc attcatcatc acagcattag	180
tagctgttca cctgctattc ctacacgaga caggatccaa taacccaca ggaatcccat	240
ccaacataga cataattcca ttccacccct attacacaat taaagacatc ctaggcgccc	300
tactcctaatt cctaacta ctaacactaa ccctattcac ccctgaccta ctaggagacc	360
ctgataacta cactccagca aaccgctaa gcaccctgc acacatcaaa ccagaatgat	420
atttcctatt cgcatatgca atcttgcat caattcccaa caaacttgga gg	472

<210> 82  
 <211> 472  
 <212> DNA  
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caacactaac acgttttttc actctccact ttatcctccc attcatcatt acagcactaa	180
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ccaacataga cataattcca ttccacccct attacacaat taaagatatc ctaggcgccc	300
tactcttaat tctaacta ctaacactaa ccctattcac ccccgaccta ctaggagacc	360
ctgataacta tattccagca aaccactaa acaccctgc acacatcaaa ccagaatgat	420

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<210> 83  
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<212> DNA  
<213> Lagenorhynchus acutus

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caacactgac acgctttttc gccttccatt tcctcctccc attcataatt acagcattag 180  
cagctgttca cctgctgttc ctacacgaga caggatccaa taaccctaca ggaatcccat 240  
ctaacataga tataatcccg ttccaccctt attatacaat taaagatatc ctaggcgctt 300  
tactcttaat tctaacccta ctagcactaa ccctattcac ccctgaccta ctaggagacc 360  
ctgataacta cactccagca aatccactaa gcaccctgc acacatcaaa ccagaatgat 420  
atttcctatt cgcatatgca atcctacgat caattcccaa caaacttgga gg 472

<210> 84  
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<212> DNA  
<213> Orcinus orca

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caacactaac acgtttcttt gccttccact ttatcctccc attcatcatc acagcattaa 180  
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ccaacataga tataatccca ttccaccctt atcacacaat taaagatacc ctaggcgccc 300  
tactcttaat cctaaccctg ctagcactaa ccttattcgc ccctgaccta ctaggagacc 360  
ctgacaacta taccacagca aatccactaa gcaccctgc acacatcaaa ccagaatgat 420  
atttcctatt cgcatatgca atcctacgat cagttcccaa taaacttgga gg 472

<210> 85  
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<212> DNA  
<213> Orcaella brevirostris

<400> 85  
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taactgttca	cctactattc	ctacacgaaa	caggatccaa	caatcctaca	ggaatcccat	240
ccaacataga	cataatccca	ttccaccctt	atcatacatt	taaagacatc	ctaggcgccc	300
tactcttaat	cttagtccta	ctaactactaa	ccctgttcac	ccccgaccta	ctaggagacc	360
ctgataacta	tactccagca	aatccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
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<210> 86  
 <211> 472  
 <212> DNA  
 <213> Delphinus capensis

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caacattaac	acgttttttc	gctttccact	ttatccttcc	attcatcatc	acagcattag	180
cagccgttca	cctgctattc	ctacacgaaa	caggatccaa	taaccccaca	ggaatcccat	240
ccaatataga	cataatccca	ttccaccctt	attatacaat	caaagatatc	ctagggtgct	300
tactcctaata	cttaacccta	ctagcactga	ccctattcac	tccagaccta	ctaggagacc	360
ctgataacta	taccccagca	aatccactaa	gcacccctgc	acatatcaaa	ccagaatgat	420
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<210> 87  
 <211> 472  
 <212> DNA  
 <213> Delphinus tropicalis

<400> 87						
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caacattaac	acgttttttc	gctttccact	ttatcctccc	attcatcatc	acagcattag	180
cagccgttca	cctgctattc	ctacacgaaa	caggatccaa	taaccccaca	ggaatcccat	240
ccaacataga	cataatccca	ttccaccctt	attatacaat	caaagatatc	ctagggtgccc	300
tactcctaata	cttaacctta	ctagcactga	ccctattcac	tcccagaccta	ctaggagacc	360
ctgataacta	taccccagca	aatccactaa	gcacccctgc	acatatcaaa	ccagaatgat	420

actttctatt cgcatacgca atcttacgat caatccctaa taaacttgga gg 472

<210> 88  
<211> 472  
<212> DNA  
<213> Delphinus delphis

<400> 88  
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caacattaac acgctttttc gctttccact ttatcctccc attcatcatc acagcactag 180  
cagccgttca cctgctattc ctacacgaaa caggatccaa taaccccaca ggaatcccat 240  
ccaatataga cataatccca ttccaccctt attatacaat caaagatatc ctaggtgcct 300  
tactccta attaacccta ctagcactaa ccctattcac tcccgcaccta ctaggagacc 360  
ctgataacta taccacagca aatccactaa gcaccctgc acacatcaaa ccagaatgat 420  
actttctatt cgcatacgca atcttacgat caatccctaa taaacttgga gg 472

<210> 89  
<211> 472  
<212> DNA  
<213> Stenella clymene

<400> 89  
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caacattaac acgctttttc gctttccact ttatcctccc gttcatcatc acagcattag 180  
cagccgttca cctgctattc ctacacgaaa caggatccaa taaccccaca ggaattccat 240  
ccaatataga cataatccca ttccaccctt attatacaat caaagatatc ctaggtgcct 300  
tactccta attaacccta ctagcactaa ccctattcac cccgcaccta ctaggagacc 360  
ctgacaacta taccacagca aatccactaa gcaccctgc acacatcaaa ccagaatgat 420  
actttctatt cgcatacgca atcttacgat caatccctaa taaacttgga gg 472

<210> 90  
<211> 472  
<212> DNA  
<213> Stenella coeruleoalba

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cagccgttca	cctgctattc	ctacacgaaa	caggatccaa	taacccaaca	ggaattccat	240	
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tactccta	at	cttaacccta	ctagcactaa	ccctattcac	ccccgaccta	ctaggagacc	360
ctgataacta	taccccagca	aatccactaa	gcaccctgc	acacatcaaa	ccagaatgat	420	
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<210> 91  
 <211> 472  
 <212> DNA  
 <213> *Tursiops aduncus*

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tggattctcc	gtagacaaag
	120
caacactaac	acgctttttc
gctttccact	ttatcctccc
gttcgtcatc	acagcattag
	180
cagccgttca	cctgctattc
ctacacgaaa	caggatccaa
taaccccaca	ggaatcccat
	240
ccaatataga	cataatccca
ttccaccctt	attatacaat
caaagacatc	ctaggtgcct
	300
tactccta	at
cttaacccta	ctagcactaa
ccctattcac	ccccgaccta
ctaggaaacc	
	360
ctgataacta	tatcccagca
aatccactaa	gtacccccgc
acacatcaaa	ccagagtgat
	420
actttctatt	cgcatagca
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taaacttgga	gg
	472

<210> 92  
 <211> 472  
 <212> DNA  
 <213> *Stenella frontalis*

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tcccttatat	tggcactacc
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tggattctcc	gtagacaaag
	120
caacattaac	acgctttttc
gctttccact	ttatcctccc
gttcattcatc	acagcattag
	180
cagccgttca	cctactattc
ctacacgaaa	caggatccaa
taaccccaca	ggaatcccat
	240
ccaatataga	cataatccca
ttccaccctt	attatacaat
caaagacatc	ctaggcgcct
	300
tactccta	at
cctaacccta	ctagcactaa
ccctattcac	ccccgaccta
ctaggagacc	
	360

ctgacaatta taccccagca aatccactaa gcaccctgc acacatcaaa ccagaatgat 420  
actttctatt cgcatacgca atcttacgat caatccctaa taaacttgga gg 472

<210> 93  
<211> 472  
<212> DNA  
<213> Sousa chinensis

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caacattaac acgctttttc gctttccact ttatctttcc cttcatcatc acagcattag 180  
tagccgttca cctgctattc ctacacgaaa caggatccaa taaccctaca ggaattccat 240  
ccaacataga cataatccca ttccaccctt attatacaat caaagacatc ctaggtgcct 300  
tactcctaata cttaacccta ctagcactaa ccctattcac ccccgacctc ctaggagacc 360  
ccgataacta taccccagca aatccactaa gcaccctgc acacatcaaa ccagaatgat 420  
atttcctatt cgcatacgca atcttacggt caatccctaa taaacttgga gg 472

<210> 94  
<211> 472  
<212> DNA  
<213> Stenella longirostris

<400> 94  
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caacattaac acgctttttc gctttccatt ttatcctccc attcatcatc acagcattag 180  
cagccgtcca cctactattc ctacacgaaa caggatccaa taacccaca ggaatcccat 240  
ccaacataga cataatccca ttccaccctt attatacaat caaagacatc ctaggtggct 300  
tactcttaata cttaacccta ctagcactaa ccctattcac ccctgactta ctaggagacc 360  
ctgataacta taccccagca aatccactaa acaccctgc acacatcaaa ccagaatgat 420  
atttcctatt cgcatacgca atcttacgat caatccctaa taaacttgga gg 472

<210> 95  
<211> 472  
<212> DNA  
<213> Tursiops truncatus

<400> 95

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caacattaac	acgctttttc	gccttccact	ttattcttcc	attcatcatc	acagcattgg	180
cagccgttca	cctactattc	ctacacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
ccaatataga	cataatccca	ttccaccctt	attatacaat	caaagacatc	ctaggcgctt	300
tactcttaat	cttaacctta	ctagcattaa	ccctattcgc	ccccgaccta	ctaggagacc	360
ctgataacta	caccccagca	aaccactaa	gcaccctgc	acacatcaaa	ccagaatgat	420
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<210> 96  
 <211> 472  
 <212> DNA  
 <213> *Lagenorhynchus alborostris*

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caacactaac	acgctttctc	gctttccact	ttatcctccc	attcatcatc	acagcactag	180
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ccaacataga	tataattcca	ttccaccctt	attacacaat	caaagacatc	ctaggcgctt	300
tacttttaat	cctaacctta	ctagcactaa	ccctatttac	ccccgaccta	ctaggagatc	360
ccgataacta	taccccagca	aatccactaa	gcactcctgc	acacatcaaa	ccagaatggt	420
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<210> 97  
 <211> 472  
 <212> DNA  
 <213> *Steno bredanensis*

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caacactaac	acgttttttc	gctttccact	ttatcctccc	attcatcatc	atagcattag	180
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ccaacataga	tataatccca	ttccaccctt	attacacaat	caaagacatc	ctaggcgctt	300
tacttttaat	cctaacttta	ctagcactaa	ccctattcac	ccccgaccta	ctaggagacc	360



ccgacaacta taccacagca aatccactaa gcacccctgc acacatcaaa ccagaatggt	420
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<210> 98  
 <211> 472  
 <212> DNA  
 <213> *Sotalia fluviatilis*

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caacactaac acgctttttc gccttccact ttatcctccc atttatcatc acagcattag	180
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ccaacataga tataattcca ttccaccctt attacacaat caaagatata ctaggcgcct	300
tactcctaata cctgacccta ctagcactaa ccctattcac ccccgaccta ctaggagatc	360
ccgacaacta tactccagca aatccactta acacccctgc acacatcaaa ccagaatgat	420
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<210> 99  
 <211> 472  
 <212> DNA  
 <213> *Delphinapterus leucas*

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caacactaac acgctttctc accttccact ttatcctccc attcatcatt acagcgctag	180
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<210> 100  
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 <212> DNA  
 <213> *Monodon monoceros*

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<210> 101  
<211> 472  
<212> DNA  
<213> *Platanista gangetica*

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caacactaac acgattcttt gcctttcact tcctcctccc tttcatcatc ctaacactag 180  
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tcctcctaatt cctaacctca ctacattaa ccttatttac acctgacctc ctaggagacc 360  
ccgataacta caccocagca aaccogctta ataccocagc acatatcaaa ccagagtgat 420  
atttcctatt tgcatacgca atcttacggt caatcccaa taaactagga gg 472

<210> 102  
<211> 472  
<212> DNA  
<213> *Platanista minor*

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caacactaac acgattcttt gcctttcact tcctcctccc tttcatcatc ctaacactag 180  
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tcataccta	at	cctaacctca	ctcacattaa	ccttattttac	acctgaccta	ctaggagacc	360
ccgataacta	caccccagca	aaccgcgtta	ataccccagc	acatatcaaa	ccagagtgtat		420
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<210> 103  
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 <212> DNA  
 <213> *Kogia breviceps*

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ccacattaac	acgcttcttt	gcctttcact	tcatactccc	ctttatcatc	ctagcactgg		180
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ccgacataga	caaatccca	ttccaccct	actacacaat	caaggacatc	ttaggcgccc		300
tactgcta	at	ctcagcgcta	cttacattaa	ccctattcgc	accagaccta	ttaggagacc	360
ctgacaacta	caccccagca	aaccactaa	gcaccccggc	acacattaaa	ccagaatgat		420
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<210> 104  
 <211> 472  
 <212> DNA  
 <213> *Kogia simus*

<400>	104						
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ctgatataga	caaatccca	ttccaccct	actacacaat	caaagatatc	ctaggcgccc		300
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<210> 105  
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 <212> DNA  
 <213> *Physeter catodon*

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 caaactgac acgcttcttc actctccact tcctcctccc ctttatcacc ctaacactaa 180  
 caatagtaca tctcctatctt ctccatgaaa caggatccaa caaccccaca ggaattccct 240  
 ccaacataga caaaatccca ttccaccctt accacacaat caaagacacc ataggtgccc 300  
 tactactaat cctatcccta cttacactaa ccctgttcgc acccgacctg ctaggagatc 360  
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 atttcctatt cgcgtacgcc atcctacgat ctgtcccaa taaactagga gg 472

<210> 106  
 <211> 472  
 <212> DNA  
 <213> *Lipotes vexillifer*

<400> 106  
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 caacattaac cgccttcttc gctctccatt tcctccttcc atttattatt gtagcactaa 180  
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 ctaacataga caaaatccca ttccaccctt accacacaat taaagatatc ttaggcgccc 300  
 ttctattaat atttgttcta ctacactaa ccttacttgc accagaccta ctcgagatc 360  
 ctgataatta taccocagca aaccocactaa acactccgc acacatcaaa ccagaatgat 420  
 atttcctctt cgcatacgca attctaogat caattcccaa taaattagga gg 472

<210> 107  
 <211> 472  
 <212> DNA  
 <213> *Phocoena sinus*

<400> 107  
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 caacactaac acgcttcttc gccttccatt ttatccttcc atttatcatt acagcactaa 180  
 taatcgtcca tctactatctt ctccatgaaa caggctccaa caatcccaca ggaatcccg 240  
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tactatztat	tctaacttta	ctaactactaa	ccttatTTTT	acctgacctt	ctaggagacc	360
ccgataacta	cattccagca	aaccactaa	gcacccagc	acacattaaa	ccagaatgat	420
atttcctctt	cgcatacgca	atcctacgat	caatcccaa	taaactagga	gg	472

<210> 108  
 <211> 472  
 <212> DNA  
 <213> *Berardius bairdii*

<400> 108		
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ccacactaac	acgcttcttt	gccttccact ttatcctccc ttttatcatt ctaaccctag 180
cagccgtcca	cttactattc	ctccacgaaa caggatccaa caacccaca ggaatcccat 240
ccaatataga	taaaattcca	ttccaccctt actatacaat caaagatatt ctaggagccc 300
tactactaat	cctagcccta	ctcacgctaa ccctatttgc acccgacctt ctaggagagc 360
ccgacaacta	taccccgcca	aaccgctca gcacccaac acatattaag ccagaatgat 420
acttcctgtt	cgcatacgca	atcttacgat cagtccctaa taaactaggg gg 472

<210> 109  
 <211> 472  
 <212> DNA  
 <213> *Ziphius cavirostris*

<400> 109		
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tcccctatat	cggcactact	ctagtccaat gaatctgagg tggtttttca gtagataaag 120
ccacactaac	acgcttcttt	gccttccatt tcatccttcc atttattatt ttagccctag 180
cagccgtcca	cttactatTT	ctccacgaaa caggatctaa taacccaca ggaatcccat 240
ccgatataga	caaaatccca	ttccaccctt attacacaat caaagacatt ctaggagccc 300
tactattaat	cgtaattcta	ctcgactaa ccctattcgc acccgacctg ctaggagacc 360
ccgataacta	tacccagca	aatccactca gcacccagc acacattaag ccagaatgat 420
acttcctatt	cgcatacgca	atcctacgat caattcccaa taaactagga gg 472

<210> 110  
 <211> 472  
 <212> DNA

<213> Mesoplodon europaeus

<400> 110

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ctacactaac acgcttcttt gctttccact ttatccttcc attcattatt ctagccctaa      180
caatcgtcca cttactatth ctccatgaaa caggatccaa taaccctaca ggaatcccat      240
ctgatataga caaaatccca ttccatcctt actacacaat caaagatatc ctaggggctc      300
tactactaat tctagcccta ctcaccctaa ccctattcgc acccgacctg ctaggagacc      360
ccgacaatta caccocagca aaccocactta atactccagc acacatcaaa ccagaatgat      420
atttcctatt cgcatatgca attctacgat caattcccaa caaactagga gg              472
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<210> 111

<211> 472

<212> DNA

<213> Mesoplodon bidens

<400> 111

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ccacattaac acgcttcttc gccttccact ttatcctccc atttattatt ttagccctag      180
caatcgtcca cctactatth ctccatgaaa caggatctaa caaccctaca ggaattccat      240
ccgacataga taaaattcca ttccaccctt actacacaat taaagatatc ctgggagccc      300
tactactaat tctaacccta ctcgcaactaa ccctattcgc acctgacctg ctaggagacc      360
ccgacaacta taccocagca aaccocactca gcaccccgagc ccacatcaaa ccagagtggg      420
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<210> 112

<211> 472

<212> DNA

<213> Mesoplodon densirostris

<400> 112

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ccacattaac acgcttcttc gcttttcaact tcatectccc ctttattatt ctagccctaa      180
caatgggtcca cctactatth ctccatgaaa caggatctaa taaccctaca ggaatcccat      240
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ctgacataga taaaattcca tttcaccctt attacacaat caaagatatt ttaggagccc	300
tactattaat tctggcccta cttataactaa ccctatttgc acctgaccta ctaggagacc	360
ccgataatta tactccagca aaccactca acactccagc acacatcaaa ccagagtggg	420
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<210> 113  
 <211> 472  
 <212> DNA  
 <213> Hyperoodon ampullatus

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ccacattaac ccgctttttc gccctccact ttatcctccc attcattatt ctagccctag	180
caatcgtcca cctactattc ctccatgaaa caggatccaa caatcccaca ggaattccat	240
ctgacataga caaaatcccg ttccacccat actacacaat caaagacact ctaggggccc	300
tattactaat cctagtccta ctacattaa ccctattcgc acccgaccta ctaggagacc	360
ctgataacta taccacagca aaccactca gcactccagc acacatcaaa ccagaatggg	420
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<210> 114  
 <211> 472  
 <212> DNA  
 <213> Hyperoodon ampullatus

<400> 114	
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ccacattaac ccgctttttc gccctccact ttatcctccc attcattatt ctagccctag	180
caatcgtcca cctactattc ctccatgaaa caggatccaa caatcccaca ggaattccat	240
ctgacataga caaaatcccg ttccacccat actacacaat caaagacact ctaggggccc	300
tattactaat cctagtccta ctacattaa ccctattcgc acccgaccta ctaggagacc	360
ctgataacta taccacagca aaccactca gcactccagc acacatcaaa ccagaatggg	420
acttcttatt tgcatacgca atcctacgtt caatcccta caaactagga gg	472

<210> 115  
 <211> 472

<212> DNA  
<213> *Mesoplodon peruvianus*

<400> 115  
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ctacattaac acgatttttt gccttccact ttattctccc atttattatc ttagctctaa 180  
caattgtcca ttactathtt ctacacgaaa caggatctaa taatcccata ggaatctctt 240  
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tattattaat tatagtccta cttatactaa ccctatttgc acctgaccta ttaggagatc 360  
ctgacaatta cactccagca aacccactta gcaccccagc acatattaaa ccagaatgat 420  
atcttctatt tgcatatgca attttacgat cagttcctaa taaactagga gg 472

<210> 116  
<211> 472  
<212> DNA  
<213> *Pontoporia blainvillei*

<400> 116  
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caacactaac gcgattcttc gctttccatt ttatccttcc attcattatt acagccctag 180  
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ctaacataga tgccatccca ttccaccctt actacacaat taaagatatc ctaggggccc 300  
tattaataat cctaacaata ctcaogctga ctctattcac ccctgaccta ttaggagacc 360  
cagacaacta tatcccagca aaccccatga ataccccaga gcacattaaa ccagaatggt 420  
atttcctatt tgcctacgcc atcctaogat caattcccaa taaactggga gg 472

<210> 117  
<211> 472  
<212> DNA  
<213> *Hippopotamus amphibius*

<400> 117  
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ccacccttac acgattcttt gccttccact ttattcttcc attcgttatc acagcactag 180  
ccatcgtcca tctactattc ctccatgaaa caggatccaa caacccaaca ggaatcccct 240



caaacgcaga caaaatccca ttccaccctt attacacaat caaggacatc ctaggtatcc	300
tactcctaata aacaacta ctacactaa ccttatttgc ccagacctc ctaggggacc	360
cagacaacta ccccccgca aacccttga gcacaccacc acacattaaa ccagaatgat	420
atttcctgtt cgcgtacgca attctccgat caatcccaa caaactagga gg	472

<210> 118  
 <211> 472  
 <212> DNA  
 <213> Hexaprotodon liberiensis

<400> 118	
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ccacccttac acgattcttt gccttccact ttattcttcc attcatcatc atagcactag	180
ccgccgtcca cctactgttt ctccacgaaa cagggtccaa caaccaaca ggaatccct	240
caaacgcaga caaaatccca ttccaccctt attacacaat caaagatc ctgggcgtac	300
tacttctaata aacaataacta ctacactaa ccttatttgc ccagacctc ctaggggacc	360
cagacaacta ccccccgca aacccttga gcacaccacc acacatcaaa ccagaatgat	420
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<210> 119  
 <211> 472  
 <212> DNA  
 <213> Rhinoceros sondaicus

<400> 119	
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ctacccttac ccgattcttt gccttccact tcatccttcc ctttattatc ctagctctag	180
cgatcaccca cttactattc ctacacgaaa caggatccaa taacccatca ggaattccat	240
ctaacacaga caaaattcca ttccaccctt actacacaat caaagacatc ctaggagccc	300
tgcttctaata tatagtatta ctaccctag tcctattctc cctgacatc ctaggggacc	360
cagacaacta catcccagcc aaccctctca gcacccctcc acatatcaaa ccagaatggg	420
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<210> 120

<211> 472  
<212> DNA  
<213> Ceratotherium simum

<400> 120  
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ccaacataga caaaatccca ttccacccat actacacaat caaagacatc ctgggaattt 300  
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ctgacaacta caccctgcc aatcctctca gcactccccc acatatcaaa ccagaatgat 420  
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<210> 121  
<211> 472  
<212> DNA  
<213> Dicerorhinus sumatrensis

<400> 121  
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ccaccctcac ccggttcttt gctttccact tcacccctccc cttcatcatc ctagccctag 180  
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acttcttatt cgcctacgca atcctacgat ccaccccaa taaactaggc gg 472

<210> 122  
<211> 472  
<212> DNA  
<213> Equus asinus

<400> 122  
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ccacccttac ccgatttttt gccttccact ttattctacc ctttatcatc acagccctgg 180

taatcgtcca tctactat	ctccaogaaa caggatccaa	caaccctca ggaatcccat	240
ctgacataga caaaatccca	ttccaccgt actacacaat	taaagacatc ctaggacttc	300
tctcctagt cctactccta	ctaaccctag tattattctc	ccctgacctc ctaggagacc	360
cagacaacta caccctagct	aaccctctca gcactcccc	tcatattaag ccagaatggt	420
atttcctatt tgcttacgcc	atcctacgct ccattcccaa	caaactaggt gg	472

<210> 123  
 <211> 472  
 <212> DNA  
 <213> *Babrousa babyrussa*

<400> 123			
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tactcataat tatagctctt	ctaattcctag tactattctc	accagatcta ctaggagacc	360
cggacaacta tactccagca	aaccactaa atacaccacc	ccacattaag ccagaatgat	420
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<210> 124  
 <211> 472  
 <212> DNA  
 <213> *Phacochoerus africanus*

<400> 124			
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caactctcac acgattcttt	gccttccact tcattttacc	ttttatcatc gctgccttag	180
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cagacaacta taccctagca	aaccattaa acacaccacc	ccacatcaaa ccagaatgat	420
acttcctatt cgcctacgcc	atcctacgtt caatccctaa	taaattaggt gg	472

<210> 125  
 <211> 472  
 <212> DNA  
 <213> Sus scrofa haplotype EWB3

<400> 125  
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<210> 126  
 <211> 472  
 <212> DNA  
 <213> Sus barbatus

<400> 126  
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 cagacataga caaaattcca ttccacccat actacactat caaagacatt ctaggagcct 300  
 tatttataat actaatccta ctaatccttag tactattctc accagaccta ctaggagacc 360  
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<210> 127  
 <211> 472  
 <212> DNA  
 <213> Lama glama

<400> 127  
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 ccacccttac acgattcttc gccttccact ttatcttacc ttttgtcatt gcagctctag 180

caggagtaca tctactat	tttacacgaaa caggctccaa caatccaaca ggaatttctt	240
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tactacttat tctaacccta	cttctactcg tactattctc accagaccta ctaggagacc	360
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<210> 128  
 <211> 472  
 <212> DNA  
 <213> lama guanicoe

<400> 128		
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ccacccttac rcgattcttc	gccttccact ttatcttacc tttgtcatt gcagctctag	180
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cggatataga caaaatcccc	ttccatccct actatacaat taaagacatt ctaggagtac	300
tactacttat tctgacccta	cttctactcg tactattctc accagaccta ctaggagacc	360
ccgacaacta tactcccgct	aacccccctca acacaccgcc tcatattaaa ccagaatgat	420
acttcctatt tgcatatgcc	atcctacgat ccatccccaa caaattaggc gg	472

<210> 129  
 <211> 472  
 <212> DNA  
 <213> Vicugna vicugna

<400> 129		
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ccacccttaa ccgattcttc	gcctttcact ttatcttacc tttcatcatt gcagctctag	180
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<210> 130  
 <211> 472  
 <212> DNA  
 <213> Camelus bactrianus

<400> 130  
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<210> 131  
 <211> 472  
 <212> DNA  
 <213> Arctocephalus forsteri

<400> 131  
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<210> 132  
 <211> 472  
 <212> DNA  
 <213> Arctocephalus gazella

<400> 132  
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caaccctaac acgattcttc gcctttcact ttattcttcc cttcgtagta tcagcactag	180
taatagtgc cctactattc ctacacgaaa caggatccaa caacccatca ggagtctcct	240
ctgactcgga caaaattcca ttccacccat attatacaat taaagatatc ctgggagccc	300
tcttactaat cttaattcta atattactag taatatcttc accagatctg ctaggagacc	360
cagacaacta catcccagcc aacccctca gtactccacc acatatcaaa cctgaatggt	420
atcttctatt cgcctatgcc attttacgat ctatcccca caaactagga gg	472

<210> 133  
 <211> 472  
 <212> DNA  
 <213> *Eumetopias jubatus*

<400> 133	
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caaccctaac acgattcttc gccttccact ttattctccc cttcgtagca tcagcactag	180
taatagtaca cctattattc ctacacgaaa ctggatccaa caatccatca ggaatctcct	240
ccaactcaga caaaattcca ttccatccat attacacaat taaagatatc ctgggaaccc	300
tcctactaat cttaatccta atactactag taatatcttc accagacctg ctgggagacc	360
cagacaacta catcccagcc aacccctca gcactccacc acatatataa cccgaatgat	420
atttcctatt cgcctatgct attttacgat ccatcccca caaattaggg gg	472

<210> 134  
 <211> 472  
 <212> DNA  
 <213> *Zalophus californianus*

<400> 134	
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caaccctaac acgattcttt gccttccact ttattctccc cttcatagca tcagcactag	180
taatagtaca cctattattc ctacacgaaa ctgggtccaa caacccatca ggaatctcct	240
ctgactcaga caaaattcca ttccacccat attacacaat taaagatatc ctaggaaccc	300
tcctactaat cttaacccta atactactag taatatcttc accggacctg ctgggagacc	360
cagacaacta tattccagcc aacccctca gcactccacc acatatataa cctgagtgat	420
atttcctatt cgcctatgct attttacgat ccatcccca caaattaggg gg	472

<210> 135  
<211> 472  
<212> DNA  
<213> *Odobenus rosmarus*

<400> 135  
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caaccctaac acgattcctc gccctccact tcgttcttcc attcatggca ttagcactaa 180  
cagcagtaca cctactatct ctccacgaaa caggatctaa caacccttcg ggaatcctat 240  
ctgactcaga caaaatccca ttccaccgt actacacaat taaagatatc ctagggtca 300  
tcattctaata cctaatacta atactactag tactattctc accagattta ctgggagacc 360  
cggacaatta caccacagcc aaccctctca gcacccacc ccatatcaaa cccgaatgat 420  
atttcctatt cgcctacgct atcctccgat ctattcccaa caaactcggg gg 472

<210> 136  
<211> 472  
<212> DNA  
<213> *Phoca vitulina*

<400> 136  
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caaccttaac acgattcttc gccttccact tcactcctgcc attcgtagta tcagccctag 180  
cagcagtcca cctactatct ctacacgaaa caggatcaaa caaccctcc ggaatcatat 240  
ccaactcaga caaaatccca ttccaccgt actatacaat taaagatatc ctaggggccc 300  
tactttctcat tctagtcttg aactactag tgctattctc acccgacctg ttaggagacc 360  
ccgacaacta tatccctgcc aatccctaa gcacccacc acatatcaaa cctgaatggt 420  
acttcctatt tgcctacgca atcttacgat ccatcccaa caaactagga gg 472

<210> 137  
<211> 472  
<212> DNA  
<213> *Phoca fasciata*

<400> 137  
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caaccctaac acgatttttc gctttccact ttatcctacc attttagta tcagcactag	180
cggcagttca cctactattc ctacacgaaa caggatccaa caaccctcc ggaatcgtat	240
ccgactcaga caaaatccca ttccacccat actatacaat taaagatatc ctaggagccc	300
tactcctcat cctagtccta atactactag tactattctc acccgaccta ctaggagacc	360
ccgacaacta caccctgcc aacccctaa gcacccacc acatatcaag cccgaatgat	420
actttctatt tgcctacgca atcctacgat caatcccaa caaactagga gg	472

<210> 138  
 <211> 472  
 <212> DNA  
 <213> *Phoca groenlandica*

<400> 138	
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caaccctaac acgatttttc gccttccact tcattctacc attcgtagta ttagcactag	180
cggcagttca tctactattc ttacacgaaa caggatccaa caacccacc ggaatcgtat	240
ccgactcaga caaaatcccg ctccacccat attatacaat taaagatatc ctaggagccc	300
tactcctcat cctggctcctt atactactag tactgttctc acccgaccta ctgggagacc	360
ccgacaacta catccctgcc aatccctaa gtacccacc acatatcaag cccgaatgat	420
actttttatt tgcctacgca atcctacgat caattcccaa caaactagga gg	472

<210> 139  
 <211> 472  
 <212> DNA  
 <213> *Cystophora cristata*

<400> 139	
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caactctaac acggtttttc gccttccact tcattctacc attcgtcgta tcagcactag	180
caacagtcca cctactattc ctacacgaaa caggatctaa taatccctcc ggaatcacat	240
ccgactcaga caaaatccca ttccacccat actatacaat taaagacatc ctaggagccc	300
tactcctcat cctagttcta acactactag tgctattctc acccgatctg ctaggagacc	360
ccgacaacta taccctgcc aacccctaa gtacccacc acatattaaa cctgaatgat	420

atttcctatt cgcctatgca atcctacgat ctatcccca caaactagga gg 472

<210> 140  
<211> 472  
<212> DNA  
<213> Hydrurga leptonyx

<400> 140  
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caaccctaac acgattcttc gccttcocact ttatccttcc cttcgtagta tcagcactag 180  
cagcagtaca tctactattc ttacacgaaa caggatccaa taaccctcc ggaattccat 240  
ccaactcaga caaaatccca tttcacccct actacacaat caaagacatc ctaggagccc 300  
tattcctcat tctaacccta atactactag tattattctc acccgaccta ctaggagacc 360  
ccgacaacta tattcctgct aacccctaa gcacccacc acatatcaaa cccgaatgat 420  
atttcctatt tgcctacgca atcctacgat ccattcccaa taaactagga gg 472

<210> 141  
<211> 472  
<212> DNA  
<213> Leptonychotes weddelli

<400> 141  
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caaccctaac acgattcttc gccttcocact ttatccttcc cttcgtagta tcagcactag 180  
cagcagtaca tctactattc ttacacgaga caggatccaa caaccctcc ggaattccat 240  
ctgactcaga caaaatccca tttcacccct actacacaat caaagacatc ctaggagccc 300  
tactcctcat tctaacccta atattactag tattattctc acccgacctg ctaggagatc 360  
ccgacaacta tactcccgct aatccctaa gtactccacc acatatcaaa cccgaatgat 420  
atttcctatt tgcctacgca atcttacgat ccattcccaa caaactagga gg 472

<210> 142  
<211> 472  
<212> DNA  
<213> Mirounga leonina

<400> 142  
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caaccctaac	acgattcttc	gccctccact	ttatcctacc	attcgtagca	ctagcactag	180
cagcagtaca	tctactattc	ctacacgaaa	caggatccaa	caaccctct	ggaatcccat	240
ccgactcaga	caaaatccca	ttccacccat	actacacaat	caaagatatt	ttaggagccc	300
tacttcttat	tctaacccta	atactattag	tgttattctc	acccgactta	ttaggagacc	360
ccgacaacta	caccctgcc	aatcccctaa	gcacccacc	acatattaaa	cccgaatgat	420
atttcctatt	tgctacgca	atcctacgat	ctattcccaa	caaactagga	gg	472

<210> 143  
 <211> 472  
 <212> DNA  
 <213> *Erignathus barbatus*

<400> 143	
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caaccctaac	acgattcttc gccttccact ttatcctacc atttgtagta ttagcattag 180
cagcagtcca	cctattattc ctacacgaaa caggatccaa caaccctct ggaatctcgt 240
ccgactcaga	taaaattcca ttccacccat actatacagt caaggacatt ttaggggct 300
tacttcta	aat cctagttctt atacttctag tgctattctc acccgaccta ctgggagatt 360
ccgacaacta	cactcccgct aacccctaa gcacccacc acatattaag cccgaatgat 420
atttcctatt	cgctatgca atcctacgat ccatcccaa caaacttgga gg 472

<210> 144  
 <211> 472  
 <212> DNA  
 <213> *Monachus schauinslandi*

<400> 144	
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tcccttacat	cggaaccgat ctagtacaat gaatctgagg cgggttctca gtagataaag 120
caaccctaac	acgattcttc gctttccatt ttattatacc cttcatagta ttagcactag 180
cagcagtcca	tttattattt ctacacgaaa caggatccaa caatccctcc ggaattccat 240
ccaactcaga	caaaatccca ttccacccat actatacaat taaagacatt ctaggagctt 300
tactccttat	cctaattcta atactactag tactattctc acccgactta ctaggagacc 360
ctgacaacta	catccctgcc aacccctaa aactccacc acacattaaa cccgaatgat 420

acttcctatt cgcctacgca atcctacgat ctatcccca taaactagga gg 472

<210> 145  
<211> 472  
<212> DNA  
<213> Helarctos malayanus

<400> 145  
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cgactctaac acgattcttt gccttccact ttatccttcc gttcatcatc ttggcactaa 180  
cagcgggtcca cctattatcc ctacacgaaa caggggtccaa caatccctct ggaatcccat 240  
ctgactcaga caaaatccca ttccacccgt actatacaat taaggacatc ctaggcgccc 300  
tacttcttac cctagcccta acaaccctag ttctattctc gcccgactta ctaggagacc 360  
ctgacaacta catccccgca aatccattga gcacccacc ccacatcaaa cccgaatggt 420  
actttctatt tgcctacgct atcctacgat ccacccctaa taaactagga gg 472

<210> 146  
<211> 472  
<212> DNA  
<213> Selenarctos thibetanus

<400> 146  
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tcccctatat tggaacagac ctagtagaat gaatctgagg gggcttttct gtagataaag 120  
caaccctaac acgattcttt gctttccact ttatccttcc gttcatcatc ctagcactag 180  
cagcagttca tctattgttc ctacacgaaa caggatccaa caacccttct ggaatcccat 240  
ccaactcgga caaaatccca ttccacccat actatacaat taaagacgcc ctaggcgccc 300  
tactttctcat cctagcctta gcaactctag tcctattctc gcccgactta ctaggagacc 360  
ctgataacta taccctcgca aaccactga gcacccacc ccacatcaaa cccgaatgat 420  
actttttatt tgcttacgct atcctacgat ccaccccca caaactagga gg 472

<210> 147  
<211> 472  
<212> DNA  
<213> Ailurus fulgens

<400> 147  
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caactctaac	tcgattcttc	gccttccact	tcattcttcc	atttatcatt	gcaacactag	180
caactatcca	tctcttatto	ctacatgaaa	caggatctaa	taaccctca	ggcatcccat	240
ccaactcaga	caaaattcca	ttccatccct	attatacaat	taaagatata	ttgggcgctc	300
tactccttat	cctaattctc	atgacattag	tactattctt	acctgacttg	cttggtgata	360
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atttcctatt	cgcatatgca	attctacgat	ccatcccaa	caaactagga	gg	472

<210> 148  
 <211> 472  
 <212> DNA  
 <213> *Felis catus*

<400> 148	
taccatgagg	ccaaatgtcc ttctgaggag caaccgtaat cactaacctc ctgtcagcaa 60
ttccatacat	cgggactgaa ctagtagaat gaatctgagg ggggttctca gtagacaaag 120
ccaccctaac	acgattcttt ggcttccact tcattcttcc attcattata tcagccttag 180
caggagtaca	cctcttattc cttcatgaaa caggatctaa caaccctca ggaattacat 240
ccgattcaga	caaaatccca ttccacccat actatacaat caaagacata ctaggtcttc 300
tagtactagt	tttaacactc atactactcg tcctattttc accagacctg ctaggagacc 360
cagacaacta	catcccagcc aaccctttaa ataccctcc ccatattaaa cctgaatgat 420
acttcctatt	cgcatagca attctccgat ccacccctaa caaactaggg gg 472

<210> 149  
 <211> 472  
 <212> DNA  
 <213> *Canis familiaris*

<400> 149	
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tccttatat	cggaactgac ttagtagaat ggatctgagg cggcttctca gtggacaaag 120
caaccctaac	acgattcttt gcattccatt tcacccctcc ttcatcata gcagctctag 180
caatagtaca	cctcctatct ctacacgaaa ccggatccaa caaccctca ggaatcacat 240
cagactcaga	caaaattcca ttccacccct actacacaa caaggatata ctaggagcct 300
tactcctact	cctaactcta atatcactag ttttattttc acctgacctt ttaggagacc 360

cagataacta cacccttgca aacccctaa acaccctcc acatattaaa cctgagtgat 420  
 attttctatt cgcctatgct atcctacgat ccattcctaa taaattagga gg 472

<210> 150  
 <211> 472  
 <212> DNA  
 <213> Talpa europaea

<400> 150  
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 cgacactcac acgattcttc gccttcact tcattctgcc atttattatt gcggcactag 180  
 ctggagttca cctgttattt cttcacgaaa caggatcaaa caacccatca ggactctcat 240  
 cagatacgga taaaattcca tttcacccct attacactat taaagacatc ctaggagcac 300  
 taatcctaata tatagctcta tcatcattag tattattttc acctgaccta ctaggagacc 360  
 cagacaatta catcccgga aacccgctaa acacaccacc ccatattaaa cccgaatggt 420  
 acttcctatt tgcatatgcc atcctacgat caattcctaa taaattagga gg 472

<210> 151  
 <211> 472  
 <212> DNA  
 <213> Glaucomys sabrinus

<400> 151  
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 ctaccctaac ccgatttttt gcatttcatt ttgtcctccc ttttattatt gctgccctag 180  
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 ctgactcaga taaaatcca ttccaccctt atttctcaat taaagacacc ctaggattct 300  
 taatcctcat cttaatcttc ataaccctag ttctcttcac ccctgatctt ctaggagacc 360  
 cagacaacta taccacagcc aaccactca acaccctcc ccacatcaaa ccagaatgat 420  
 actttctatt tgcatacgca attctacgat ctattccaaa taaactagga gg 472

<210> 152  
 <211> 472  
 <212> DNA  
 <213> Glaucomys volans

<400> 152

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ctaccttaac	ccgattcttt	gcatttcact	tcattcttcc	ttttatcatt	gccgctctag	180
ccatāatcca	tctactcttt	ctacacgaaa	caggatccaa	taacccatca	ggactaatct	240
ctgactcaga	caaaatccca	ttccaccctt	acttctcaat	taaagatacc	ctaggattct	300
taatccttat	cttaatcttc	ataaccctag	ttctcttcac	cccggatctt	ctaggagacc	360
cagacaacta	tactccagcc	aaccactca	acggccctcc	ccatatcaag	ccagagtgat	420
actttctatt	tgcgtagtga	attctacgat	ctatcccaaa	taaactagga	gg	472

<210> 153  
 <211> 472  
 <212> DNA  
 <213> *Hylopetes phayrei*

<400> 153	
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ttctgagggg	ctaccgttat
tacaaaccta	ctatctgcca
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tcccctacat	tggaacagtc
cttgtcgaat	gaatttgagg
gggattttcc	gtagataagg
120	
ctaccctaac	ccgattcttc
gcattccact	ttgtgctgcc
ctttattatt	gcagcactag
180	
ctataattca	ccttctcttt
ctacacgaaa	caggatcaaa
taacccatca	ggcctaattt
240	
ccgattcaga	caaaatccca
tttcacccat	actattcaat
taaagatctc	ctaggcgccc
300	
ttattcttct	cctaatcttt
ataaacttag	tactattttc
ccccgatctt	ttaggagacc
360	
ctgacaacta	cacccccgcc
aaccactta	acacccctcc
tcatattaaa	ccagaatgat
420	
actttctatt	cgcatagca
atcctacgat	ctattcccaa
taaattagga	gg
472	

<210> 154  
 <211> 472  
 <212> DNA  
 <213> *Petinomys setosus*

<400> 154	
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ttctgagggg	ctaccgttat
tacaaaccta	ctatctgcca
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gggattttcc	gtagataagg
120	
ctaccctaac	ccgattcttc
gcattccact	ttgtgctgcc
ctttattatt	gcggcactgg
180	
ctataatcca	ccttctcttt
ctacacgaaa	caggggtcaaa
taatccatca	ggtctaattt
240	
ccgattcaga	caaattccca
tttcacccat	actattcaat
taaagatctc	ctagggggccc
300	
ttattcttct	cctaatcttt
ataaacttag	tactattctc
ccccgatctt	ttaggagacc
360	

ctgacaacta ccccccgcc aaccactta acaccctcc tcatattaaa ccagaatgat 420  
actttctatt cgcatagca atcctacgat ctattcccaa taaattagga gg 472

<210> 155  
<211> 472  
<212> DNA  
<213> *Belomys pearsonii*

<400> 155  
taccatgagg acaaatatct ttctgaggag ccactgtcat cacaaacctc ctttcagcta 60  
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caaccctaac acgattcttc gcattccact ttatcttacc atttatcgta gcagcccttg 180  
caatagtcca ccttcttttc ctccacgaaa ttgggtcaaa taatcccccc ggattaattt 240  
ctgaatctga taaagtacca ttccacccat acttcacaat caaagatatt cttggcgccc 300  
taatcttcgg ccttatattt acaaccotta ttctattcgc cctgatctc ctaggagacc 360  
ctgacaacta tactccggcc aatccactta acaccctcc ccacattaaa ccagaatgat 420  
actttctaatt ttattacgca atccttcgat ccattcccaa caaactagga gg 472

<210> 156  
<211> 472  
<212> DNA  
<213> *Pteromys momonga*

<400> 156  
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ctaccctaac acgattcttt gcattccact ttgtcctccc cttcattatc gcagccctag 180  
caatagttca cctacttttc cttcatgaaa caggggtcaa caaccatct ggacttacct 240  
ccgaatccga caaaatccca ttccaccctt acttcacaat taaagacatt ttaggagcac 300  
ttctccttgg cctcctattc ataactcttag tctctttac tccagacctc cttggagacc 360  
ccgacaacta taccacagcc aacccctca aactccccc tcatatcaaa ccagagtgat 420  
atttcctatt cgcatatgct atcttacgat ctatccctaa caaactaggc gg 472

<210> 157  
<211> 472  
<212> DNA  
<213> *Galagoides demidoff*



<400> 157  
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 ctacccttac ccgattcttt gctttccact ttatcctccc atttatcatt acagcaatag 180  
 tcataatcca cctcctattc cttcacgaaa caggatcaaa caaccctca ggacttccat 240  
 cagactcaga caaaatcccc ttccaccctt attacataat caaggatctc ctaggactga 300  
 ttattctctt actaactctg ttctccctag taatattctc cccggacctg ctaggagacc 360  
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<210> 158  
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 <212> DNA  
 <213> *Perodicticus potto*

<400> 158  
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 ctaccctaac acgattcttc gccttccact tcctcctccc ctttattatc acagcactag 180  
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 cagaatcaga caaaatcccc ttccaccctt actacaccac caaagactta ctaggagcca 300  
 tctttcttct actaatccta ctcaccctag tcctattctc cccagacctt ttaggagacc 360  
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<210> 159  
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 <212> DNA  
 <213> *Galago matschiei*

<400> 159  
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tcttcttact actatgccta ttctctctag tactattttc ccccgatctg ttaggagacc	360
cagacaattt taccgccgct aatcccttaa acacccacc acacatcaaa ccagaatgat	420
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<210> 160  
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 <212> DNA  
 <213> Galago moholi

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ctactcttac ccgatttttc gcttttcaact tcactctgcc tttcatcatc gcggccctag	180
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cagactccga caaaatcccc ttccaccctt actacacaat taaagaccta ctaggagcaa	300
tcctcttact attatcccta ttctctctag tactattctc ccctgacctg ctgggagacc	360
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<210> 161  
 <211> 472  
 <212> DNA  
 <213> Otolemur garnettii

<400> 161	
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caaccctcac ccggtttttt gctttccact ttatcctgcc tttcatcatc gcagccctag	180
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cagactctga caaaatcccc ttccaccctt attacacaat taaagacctt ctaggggcta	300
tcctcctcct tctaacccta ttctccctag tcctattctc cccgacctt ctaggagacc	360
cagacaacta caccctgcc aacccccctaa acacaccgcc ccatatcaaa cccgaatgat	420
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<210> 162  
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 <212> DNA  
 <213> Loris tardigradus

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 caaccctcac acgattcttc gcctttcact tcctccttcc attcatcatc acagcattaa 180  
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 ttgctctctt aatcacctta tcaactctag ttctattctc cctgacctt ttaggagacc 360  
 ccgataatta cacaccagct aaccctttaa acaccccacc ccacatcaaa ccagaatggt 420  
 atttcctatt cgcatacgca atcctacgat caatccccaa taaactaggt gg 472

<210> 163  
 <211> 472  
 <212> DNA  
 <213> Nycticebus coucang

<400> 163  
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 cagactcaga taagattcca tttcaccctt actactcact taaagacctc ctaggagtgg 300  
 ttttcctatt agcaacccta tctattctag tcttattctc cctgacctc ctaggagacc 360  
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<210> 164  
 <211> 472  
 <212> DNA  
 <213> Mus musculus

<400> 164  
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 caatcgttca cctcctcttc ctccacgaaa caggatcaaa caaccaca ggattaaact 240  
 cagatgcaga taaaattcca tttcaccctt actatacaat caaagatatc ctaggtatcc 300

taatcatatt ctttaattctc ataaccctag tattatTTTT cccagacata ctaggagacc	360
cagacaacta cataccagct aatccactaa acacccccacc ccatattaaa cccgaatgat	420
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<210> 165  
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 <212> DNA  
 <213> Gorilla gorilla

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tcctctttct cctgaccttg ataacattaa cactattctc accagacctc ctaggagacc	360
cagacaacta caccttagcc aacccccctaa gcacccccacc ccacatcaaa cccgaatgat	420
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<210> 166  
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 <212> DNA  
 <213> Homo sapiens sapiens

<400> 166	
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ccattccga taaaatcacc ttccaccctt actacacaat caaagacgcc ctcggttac	300
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cagacaatta taccctagcc aacccccctaa acacccctcc ccacatcaag cccgaatgat	420
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<210> 167  
 <211> 472  
 <212> DNA

<213> Dugong dugong

<400> 167

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ccgactcaga caaaatccca ttccacccat attattcagt caaagacctc ctaggcctat      300
tctctctcat tctagtctta ctctactaa ccctgttctc cccggacata ctgggagacc      360
cagacaacta cacaccagcc aaccactaa acaccctcc ccacattaaa ccagaatgat      420
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<210> 168

<211> 472

<212> DNA

<213> Elephas maximus

<400> 168

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caaccttaaa ccgattcttc gccttcatt tcatccttcc atttactata gttgcactag      180
caggagtgc cctaaccttt cttcacgaaa caggctcaaa caaccacta ggtctcactt      240
cagactcaga caaaattccc ttccacccgt actatactat caaagacttc ctagggctac      300
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ctgacaacta cataccagct gatccactaa atactcccct acacatcaaa ccagagtgat      420
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<210> 169

<211> 472

<212> DNA

<213> Afropavo congensis

<400> 169

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caaccctcac ccgattcttc gccctacact ttcttctccc ctttctaatt gcgggaatta      180
caattatcca cctcacattc cttcatgaat caggctcaaa caaccactg ggcattctcat      240
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ccaattcaga taaaatccca ttccacccgt actactccct caaagatatc ctaggcttag	300
cactcatgct cattccattc ctgacactag ccctactctc ccccaacctc ttaggtgac	360
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<210> 170  
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 <212> DNA  
 <213> Pavo muticus

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caaccctcac ccgattcttc gccctacact ttctcctccc ctttgtaatc gcaggaatta	180
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ccaactcaga caaaattccg ttccacccat actactccct caaagatatc ctaggcttaa	300
ctcttatatt tatcccatc ctaacactag ccctattctc cccaatctc ctaggtgacc	360
cagaaaactt taccocagca aaccocctag taaccccccc gcacattaaa ccagaatgat	420
acttcttatt tgcctacgcc atccttcggt caatcccaaa caaactagga gg	472

<210> 171  
 <211> 472  
 <212> DNA  
 <213> Tragopan blythii

<400> 171	
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caaccctcac tcgattcttc gccctacact tctcctccc atttgtaatc gcaggaatta	180
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cactcatgct cccccctc ctacactag cattattctc accgaaccta ttaggcgacc	360
cagaaaactt caccocagca aaccactag taaccocctc ccatatcaaa ccagaatgat	420
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<210> 172  
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<212> DNA  
<213> Tragopan satyra

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cactcatgct caccctcctc ctacactag ccttattctc accaaaccta ctaggtgata 360  
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<210> 173  
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<212> DNA  
<213> Tragopan caboti

<400> 173  
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cactcatact cactcctctc ctacactag ccttattttc accaaaccta ctaggtgacc 360  
cagaaaactt caccctcagca aaccattgg taactcctcc ccatatcaag ccagaatggg 420  
atttctgtgt cgcttatgcc atcctacgct caatcccaaa caaactcgga gg 472

<210> 174  
<211> 472  
<212> DNA  
<213> Tragopan temminckii

<400> 174  
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cactcatact	cactcccctc	ctcacactag	ccttattttc	accaaaccta	ctaggtgatc	360
cagaaaaactt	caccccagca	aaccactag	taactcctcc	ccatatcaaa	ccagaatgat	420
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<210> 175  
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 <212> DNA  
 <213> Argusianus argus

<400> 175	
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<210> 176  
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 <212> DNA  
 <213> Catreus wallichi

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<210> 177



<211> 472  
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<210> 178  
 <211> 472  
 <212> DNA  
 <213> *Syrmaticus reevesi*

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<210> 179  
 <211> 472  
 <212> DNA  
 <213> *Bambusicola thoracica*

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<210> 180  
 <211> 472  
 <212> DNA  
 <213> *Francolinus francolinus*

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<210> 181  
 <211> 472  
 <212> DNA  
 <213> *Ithaginis cruentus*

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caaccctcac ccgattcttc gccctacact ttctctccc cttcgcaatc gcaggaatta	180
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ctaactctga caaaatccca ttccacccat actactcct caaagacatc ctaggcctag	300
cacttatact catcccctt cttacactag tcctattttc cccaacctc ctaggagatc	360
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<210> 182  
 <211> 472  
 <212> DNA  
 <213> Anthropoides paradisea

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 ccacattaac tcgattcttc actttacact tcctccttcc attcataatt atgggcctca 180  
 ccctaatacca cctcaccttc cttcacgagt ccggctcaaa caaccccta ggcattgtat 240  
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 cagaaaactt cccccagca aacccctag tcacacctcc ccatatcaaa ccagaatgat 420  
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<210> 183  
 <211> 472  
 <212> DNA  
 <213> Anthropoides virgo

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 ccacattaac tcgattcttc acgttacact tcctccttcc attcataatt atgggcctca 180  
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 cagaaaactt cccccagca aatccctag tcacacctcc ctatattaaa ccagaatgat 420  
 atttcttatt tgcatacgcc atcctacgtt caattccaaa caaactagga gg 472

<210> 184  
 <211> 472  
 <212> DNA  
 <213> Grus antigone antigone

<400> 184  
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 ccacattaac tcgattcttc actttacact tcctccttcc attcataatc ataggcctca 180

ccctaatcca cctcaccttc cttcacgaat ccggctcaaa caacccccta ggcacgtat	240
caaactgcga taaaatccca ttccaccctt acttttcctt aaaagatatc ctaggattca	300
cactcatact acttccactc ataaccctag ccctattctc accaaaccta ctaggagacc	360
cagaaaactt caccccagca aaccccctag tcacacctcc tcatatcaag ccagaatgat	420
actttttatt tgcatacgcc atcctacggt caatcccaaa caaactagga gg	472

<210> 185  
 <211> 472  
 <212> DNA  
 <213> Grus antigone gillae

<400> 185	
taccatgagg acaaatatca ttttgagggg ctacagtcac caccaatctc ttctcagccg	60
tcccctacat cggccaaacc cttgtagaat gagcttgagg gggcttctca gtagacaatc	120
ccacattaac tcgattcttc actttacact tcctccttcc attcataatc ataggcctca	180
ccctaatcca cctcaccttc cttcacgaat ccggctcaaa caacccccta ggcacgtat	240
caaactgcga taaaatccca ttccaccctt acttttcctt aaaagatatc ctaggattca	300
cactcatact acttccactc ataaccctag ccctattctc accaaaccta ctaggagacc	360
cagaaaactt caccccagca aaccccctag tcacacctcc tcatatcaag ccagaatgat	420
actttttatt tgcatacgcc atcctacggt caatcccaaa caaactagga gg	472

<210> 186  
 <211> 472  
 <212> DNA  
 <213> Grus antigone sharpei

<400> 186	
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ccacattaac tcgattcttc actttacact tcctccttcc cttcataatc ataggcctca	180
ccctaatcca cctcaccttc cttcacgaat ccgggtcaaa caacccccta ggcacgtat	240
caaactgcga taaaatccca ttccaccctt acttttcctt aaaagatatc ctaggattca	300
cactcatact acttccactc ataaccctag ccctattctc accaaaccta ctaggagacc	360
cagaaaactt caccccagca aaccccctag tcacacctcc ccatatcaag ccagaatgat	420
actttttatt tgcatacgcc atcctacggt caatcccaaa caaactagga gg	472

<210> 187  
<211> 472  
<212> DNA  
<213> *Grus leucogeranus*

<400> 187  
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tcccctacat cggccaaacc cttgtagaat gagcttgagg gggcttctca gtagacaacc 120  
ccacattaac togattcttc actttacact tcctccttcc attcataatc ataggcctca 180  
ccctaattcca cctcaccttc cttcacgaat cgggctcaaa caacccccta ggcacgtat 240  
caaactgcga taaaatccca ttccaccctt acttttcctt aaaagatatc ctaggggttca 300  
tactcatact acttccactc ataaccctag ccctattctc accaaactta ctaggagacc 360  
cagaaaactt cactccagca aaccccctag taacaccccc acatattaaa ccagaatgat 420  
acttcctatt tgcatacgcc atccgacgtt caatcccaaa caaactagga gg 472

<210> 188  
<211> 472  
<212> DNA  
<213> *Grus canadensis pratensis*

<400> 188  
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tcccatacat cggccaaacc ctgtagaat gggcttgagg gggcttctca gtagacaatc 120  
ccacattaac cggattcttc actttacact tcctcctccc attcataatt ataggcctca 180  
ccctaattcca cctcaccttc cttcacgaat cgggctcaaa caacccccta ggcattgtat 240  
caaactgcga taaaatccca ttccaccctt atttttcctt aaaagatatc ctaggggttca 300  
tactcatact acttccactc ataaccctag ctctattttc accaaactta ctaggagacc 360  
cagaaaactt caccacagca gaccccctag tcacacctcc ccatatcaaa ccagaatgat 420  
actttttatt tgcctacgcc atcttacgct caatcccaaa caaactagga gg 472

<210> 189  
<211> 472  
<212> DNA  
<213> *Grus canadensis rowani*

<400> 189  
tgccatgagg acaaatatca ttctgagggg ctacagtcac taccaacctc ttctcagccg 60  
tcccatacat cggccaaacc ctgtagaat gggcttgagg gggcttctca gtagacaatc 120

ccacattaac ccgattcttc actttacact tcctcctccc attcataatt ataggcctca	180
ccctaattcca cctcaccttc cttcacgaat ccggctcaaa caatccccta ggcattgtat	240
caaactgcga taaaatccca ttccaccctt atttttcctt aaaagatatc ctagggttca	300
tactcatact acttccactc ataaccctag ctctattttc accaaactta ctaggagacc	360
cagaaaactt caccocagca aaccocctag tcacacctcc ccatatcaaa ccagaatgat	420
actttttatt tgccacgcc atcttacgct caatcccaaa caaactagga gg	472

<210> 190

<211> 472

<212> DNA

<213> Grus canadensis tabida

<400> 190

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tcccatacat cggccaaacc ctcgtagaat gggcttgagg gggcttctca gtagacaatc	120
ccacattaac ccgattcttc actttacact tcctcctccc attcataatt ataggcctca	180
ccctaattcca cctcaccttc cttcacgaat ccggctcaaa caaccoccta ggcattgtat	240
caaactgcga taaaatccca ttccaccctt atttttcctt aaaagatatc ctagggttca	300
tactcatact acttccactc ataaccctag ctctattttc accaaactta ctaggagacc	360
cagaaaactt caccocagca aaccocctag tcacacctcc ccatatcaaa ccagaatgat	420
actttttatt tgccactcc atcttacgct caatcccaaa caaactagga gg	472

<210> 191

<211> 472

<212> DNA

<213> Grus canadensis canadensis

<400> 191

taccatgggg acaaatatca ttctgagggg ctacagtcac taccaacctc ttctcagccg	60
tcccatacat cggccaaacc ctcgtagaat gggcttgagg gggcttctca gtagacaatc	120
ccacattaac ccgattcttc actttacact tcctcctccc attcataatt ataggcctca	180
ccctaattcca cctcaccttc cttcacgaat ccggctcaaa caaccoccta ggcattgtat	240
caaactgcga taaaatccca ttccaccctt atttttcctt aaaagatatc ctagggttca	300
tactcatact acttccactt ataaccctag ctctattctc accaaactta ctaggagacc	360
cagaaaactt caccocagca aaccocctag tcacacctcc ccatatcaaa ccagaatgat	420
actttttatt tgccacgcc atcttacgct caatcccaaa caaactagga gg	472

<210> 192  
<211> 472  
<212> DNA  
<213> Grus americana

<400> 192  
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ccacattaac cggattcttc actttacact tcctcctccc attcataatc ataggcctca 180  
ccctaattcca cctcaccttc ctccacgaat ccggctcaaa caacccccta ggcacgtat 240  
caaactgcga taaaatccca ttccaccctt atttttcctt aaaagacatc ctaggattca 300  
cactcatatt acttccactc ataaccctag ctctattttc accaaactta ctaggagacc 360  
cagaaaactt caccocagca aacccctag tgacacctcc ccatattaag ccggaatgat 420  
actttttatt tgcatacgcc atcctacgtt caatcccaaa caaactagga gg 472

<210> 193  
<211> 472  
<212> DNA  
<213> Grus grus

<400> 193  
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ccacattaac cggattcttc accttacact tcctcctccc attcataatc ataggcctca 180  
ccctaattcca cctcaccttc cttcacgaat ccggctcaaa caacccccta ggcacgtat 240  
caaactgcga taaaatccca ttccaccctt atttttcctt aaaagatatc ctaggggttca 300  
tactcatatt acttccactc ataaccctag ctctattttc accaaactta ctaggagacc 360  
cagaaaactt caccocagca aaccctctag tcacacctcc ccatattaag ccggaatgat 420  
actttttatt tgcatacgcc atcctccgtt caatcccaaa caaactagga gg 472

<210> 194  
<211> 472  
<212> DNA  
<213> Grus monacha

<400> 194  
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tcccatacat cggccaaacc ctcgtagaat gagcttgagg aggcttctca gtagacaacc 120

ccacattaac tcgattcttc accttacact tctctctccc attcataatc ataggcctca	180
ccctaatacca cctcaccttc ctccacgaat cgggctcaaa caacccccta ggcacgtat	240
caaactgcga taaaattcca ttccaccctt atttttcctt aaaagatatc ctaggattca	300
tattcatatt acttccactc ataaccctag ctctatcttc accaaactta ctaggagacc	360
cagaaaactt caccacagca aacccctag tcacacctcc tcatattaaa ccggaatgat	420
actttctatt tgcatacgcc gtcctacgtt caatcccaaa caaactagga gg	472

<210> 195  
 <211> 472  
 <212> DNA  
 <213> *Grus nigricollis*

<400> 195	
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tcccatacat cggccaaacc ctcgtagaat gagcttgagg aggcttctca gtagacaacc	120
ccacattaac tcgattcttc accttacact tctctctccc attcataatc ataggcctca	180
ccctaatacca cctcaccttc ctccacgaat cgggctcaaa caacccccta ggcacgtat	240
caaactgcga taaaattcca ttccaccctt atttttcctt aaaagatacc ctaggattca	300
tattcatatt acttccactc ataaccctag ctctatcttc accaaactta ctaggagacc	360
cagaaaactt caccacagca aacccctag tcacacctcc ccatattaag ccggaatgat	420
actttctatt tgcatacgct atcctacgtt caatcccaaa caaactagga gg	472

<210> 196  
 <211> 472  
 <212> DNA  
 <213> *Grus japonensis*

<400> 196	
taccatgggg acaaatatcc ttttgagggg ctacagttat caccaatctc ttctcagccg	60
tcccatacat cggccaaacc ctcgtagaat gagcttgagg gggcttctca gtagacaacc	120
ccacattaac tcgattcttt accttacact tctctctccc attcataatc ataggcctca	180
ccctaatacca tctcactttc ctccacgaat cgggctcaaa caacccccta ggcacgtat	240
caaactgtga taaaatccca ttccaccctt atttttcctt aaaagatatc ttaggattta	300
caatcatatt acttccactc ataaccctag cctattctc accaaactta ctaggagacc	360
cagaaaactt caccacagca aacccctag ttacacctcc ccatattaag ccggaatgat	420



acttccttatt tgcatacgct attctgcggt caatcccaaa caaactagga gg 472

<210> 197  
<211> 472  
<212> DNA  
<213> Ciconia boyciana

<400> 197  
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caacactaac ccgattcttc gccctacact ttcttctccc cttcgcaatc gcaggcctca 180  
ccctaatacca cctcaccttc cttcacgagt ccggctcaaa caacccccta ggcacatctt 240  
caaaactgcga caaaattcca ttccaccctt acttctccct caaagatatc ctaggcctta 300  
cactcctact tctgccacta accaccctgg ccctattctc acccaaccta ctaggtgacc 360  
cagagaactt caccacagcc aaccccctag tcacaccccc tcacatcaag ccagagtggg 420  
acttcctctt tgcatacgcc atcctacgct ccaccccaaa caaactagga gg 472

<210> 198  
<211> 472  
<212> DNA  
<213> Rhea americana

<400> 198  
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ctaccctaac ccgattcttc gccctgcact tccttctccc cttcctaata gcaggcatta 180  
ctcttatcca cctcaccttc ctacacgaaa ccgggtccaa caacccccta ggaatcgat 240  
ctcactctga caaaatcca ttccaccctt acttctccct aaaagatgcc ctaggactag 300  
ctctcatatt tatccgctc ctaaccctag ccttcttctc acccaacctc ctaggggacc 360  
cagaaaaactt caccacagcc aaccccctag ttacaccccc tcacatcaag ccagaatgat 420  
atttcctatt cgcttacgcc atcttacgct ccaccccaaa caaactagga gg 472

<210> 199  
<211> 472  
<212> DNA  
<213> Anthracoceros albirostris

<400> 199  
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caaccctgac	acgattcttc	gccctacact	ttctcctccc	gttcataatc	gcaggcctag	180
tcctaattca	cctggcattc	ctccacgaat	caggctcaaa	caaccacta	ggcatcacat	240
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cagtaatact	cctcctccta	acctccctag	ccctcttctc	ccccaaccta	ctaggagacc	360
cagaaaactt	cacaccagca	aacccccctg	taactcccc	ccatattaag	ccagaatggt	420
atttcctatt	cgcatatgcc	atcctacgct	caatccccaa	taaactagga	gg	472

<210> 200

<211> 472

<212> DNA

<213> Falco femoralis

<400> 200

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tcccatacat	cgggtcaaacc	ctagtogagt	gggcctgagg	aggattttca	gtagacaatc	120
caacactgac	ccgattcttc	gccctacact	tcctcctacc	attcctaatc	gcagggctca	180
ccttaatcca	cctcaccttc	ctacatgaat	cagggtcaaa	caacccccta	ggaatcacat	240
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cagaaaactt	tacaccagca	aatccccctag	tcaccccccc	acacatcaaa	ccagaatgat	420
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<210> 201

<211> 472

<212> DNA

<213> Falco verpertinus

<400> 201

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caacactaac	ccgattcttc	gccctacact	ttctcctacc	attcctaatc	gcagggctca	180
ccctaattca	cctcaccttc	ctacacgaat	cagggtcaaa	caacccccta	ggaatcacat	240
caaactgcga	caaaatccca	ttccatccct	actactctct	aaaagacctt	ttaggagtca	300
tactcatata	cctcccccta	ataaccctag	ccctatttac	cccaaactta	ctaggagacc	360
cagaaaactt	cacaccagca	aacccccctag	tcacaccccc	acacatcaaa	ccagaatgat	420

acttcctatt tgcttacgcc atcctacgct caatccccaa caaactgggt gg 472

<210> 202  
<211> 472  
<212> DNA  
<213> Falco peregrinus

<400> 202  
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caaattgcga caaaatccca ttccaccat actactctct caaagatatc ctaggattta 300  
tactcatata cctgccccta ataaccctag ccctatttac cccaaacctg ctaggagacc 360  
cagaaaactt tacaccagca aatcccttag tcaccccccc acacatcaaa ccagaatgat 420  
acttcctatt tgcttacgcc atcctacgct caatccccaa taaactgggc gg 472

<210> 203  
<211> 472  
<212> DNA  
<213> Falco sparverius

<400> 203  
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caacactaac ccgcttcttc gccctacact tcctctacc attcctaata gcagggetta 180  
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caaactgtga caaaatccca ttccaccct actactctct caaagacctc ctaggtttta 300  
tgctcatact cctgccccta atagccctag ccctattcac cccaaacctg ctaggagacc 360  
cagaaaactt cacaccagcg aacccctag tcacccacc acacatcaaa ccagaatgat 420  
acttcctatt tgcttacgct attctacgct caattccaa caaattaggc gg 472

<210> 204  
<211> 472  
<212> DNA  
<213> Aythya americana

<400> 204  
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caaccctaac	tcgattcttc	gccatccact	tcctactacc	cttcctaatac	gcaggaatca	180
ccctagtcca	cctaactttc	ctgcacgagt	caggctcaaa	caacccccta	ggcattgtat	240
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tcctcatgct	caccccccta	atagcactag	ccctattctc	accaaacctc	ctaggagacc	360
cagaaaactt	taccccagca	aaccactag	taaccccacc	ccacatcaaa	ccagaatgat	420
acttcctatt	cgcctacgcc	atcctgcgat	caatcccga	taaactagga	gg	472

<210> 205  
 <211> 472  
 <212> DNA  
 <213> *Smithornis sharpei*

<400> 205	
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ccacccttac	cggattcttc tcccttccact tcctcctccc atttatcatc gcaagcctga 180
cactcatcca	tctcaccttc ctccatgaaa cagggttcaaa caaccctcta ggtatctcat 240
ctaactccga	taaaatccca ttccacccat acttctccat aaaagacatt ctaggctttg 300
caatcatact	aacaccacta ataaccctag ccatattctc tctaacctc ctaggagacc 360
cagaaaattt	cacaccgcgc aactccctcg tcaactcccc tcatatcaaa cccgaatgat 420
atTTTTtatt	tgcatacgtt attctgcgat caattccaaa caaactagga gg 472

<210> 206  
 <211> 472  
 <212> DNA  
 <213> *Vidua chalybeata*

<400> 206	
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caacactcac	cggattcttc gccctacact tccttctacc cttcgtcatt gcaggactca 180
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cagactgtga	caaaattcca ttccacccat actacaccac aaaggacatc ctaggcttcg 300
tactaatatt	cgcactccta gcttccatag ccctattctc cccaaacata ctaggagatc 360

cagaaaactt cactccggcc aacccccctaa tcacaccacc acatatcaaa cccgaatgat 420  
 acttcctatt cgcctacgcc atcctacgat ccattccaaa caaactagga gg 472

<210> 207  
 <211> 472  
 <212> DNA  
 <213> *Chrysemys picta*

<400> 207  
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 caaccttaac cggatttttt acccttcact tccttctacc atttacaatc ataggtctaa 180  
 caatagtaca cctacttttt ctacatgaaa ctggatcaaa caaccaaca ggattaaact 240  
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 ttctaatact aaccctccta ctaaccctaa cactattctc tccaaacctt ttaggggacc 360  
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 actttctttt cgcttacgca attctacgat ccattccaaa caaattaggt gg 472

<210> 208  
 <211> 472  
 <212> DNA  
 <213> *Emys orbicularis*

<400> 208  
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 caaccctaac cggattcttc actttccatt tcttactgcc atttaccatt ataggcctaa 180  
 caatagtaca cctactcttc ctacacgaaa ccggatcaaa caatccaaca ggattaaact 240  
 caaacaccga taaaatccct ttccatccct acttctcata caaagaccta ttaggactca 300  
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 cagataactt tacaccagct aacccgctat ccaccccacc acatattaag ccagagtgat 420  
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<210> 209  
 <211> 472  
 <212> DNA  
 <213> *Chelonia mydas*

<400> 209

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caaccctaac	ccgatttctt	accttccact	tcctattacc	atttgccatt	accggcctta	180
cagcagtaca	tctattattc	ctgcacgaaa	caggatcaaa	caacccaaca	ggattaaatt	240
caaataccga	caaaatcccc	ttccacccct	acttctccta	caaagactta	ctaggactca	300
ttttaataact	aacttttctc	ctaaccttaa	cacttttctc	cccctactta	ctaggagacc	360
cagacaactt	cacaccagcc	aacctcttat	ccactcctcc	ccacatcaaa	ccagaatgat	420
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 <211> 472  
 <212> DNA  
 <213> Eumeces egregius

<400> 210						
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caaccctcac	ccgatttttt	acattccact	tccttctgcc	attcgctatt	ataggggcct	180
caataattca	cctactatth	cttcacgaaa	caggatcaaa	taacccaacc	ggactaaatt	240
ctagcacaga	taaggtgcca	ttccacccat	attacacata	caaagacctt	cttggtttca	300
tcattatact	gtctgttcta	ctagccctcg	cccttttctc	accaaactt	ctaggcgacc	360
cagaaaatth	tacccagca	aacccccctg	taacaccccc	acatattaag	ccagagtgat	420
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<210> 211  
 <211> 472  
 <212> DNA  
 <213> Antelope cervicapra

<400> 211						
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caacccttac	ccgatttttt	gccttccact	ttatcctccc	atttatcatt	gcagccctta	180
ccatagtaca	cctactgttt	ctccacgaaa	caggatccaa	caacccaca	ggaatctcat	240
cagacgcaga	caaaattcca	ttccacccct	actacactat	caaagatatc	ctaggagctc	300
tactattaat	tttaaccctc	atgcttctag	tcctattctc	accggacctg	cttgagagacc	360

cagacaacta tacaccagca aaccactta atacacccc acatatcaag cccgaatgat 420

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<210> 212

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Universal primer for amplifying a fragment of cytochrome b  
gene of animal species in polymerase chain reaction

<400> 212

taccatgagg acaaatatca ttctg 25

<210> 213

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Universal primer for amplifying a fragment of cytochrome b  
gene of animal species in polymerase chain reaction

<400> 213

cctcctagtt tgtagggat tgatcg 26

<210> 214

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Universal primer for amplifying a fragment of cytochrome b  
gene of animal species in polymerase chain reaction

<400> 214

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<210> 215

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Universal primer for amplifying a fragment of cytochrome b  
gene of animal species in polymerase chain reaction

<400> 215

atgcaaatag gaagtatcat tc 22

<210> 216  
<211> 472  
<212> DNA  
<213> Aepyceros melampus

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<222> (104)..(104)  
<223> unknown

<220>  
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<222> (107)..(107)  
<223> unknown

<220>  
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<222> (128)..(128)  
<223> unknown

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<222> (368)..(368)  
<223> unknown

<220>  
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<222> (369)..(369)  
<223> unknown

<220>  
<221> misc\_feature  
<222> (431)..(431)  
<223> unknown

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caaccctnac ccgatttttc gcyttccact tcatcyttcc attcatcatt gcggcactag 180  
ccatagtcca cctactcttt cttcacgaaa caggatctaa caaccctaca ggaatcttat 240  
cagattcaga taaaattcca ttccaccctt actatactat traagacatc ctaggaatcc 300  
tattaataat tctagtccta atactcctag tactattcat acccgaccta ctaggagacc 360  
cagacaanna catccccgca aaccactca acaccctcc ccacatcaag cccgaatggt 420



acttcctggt ngcatagca atcctacgat caatcccca taaactagga gg

472

<210> 217  
<211> 472  
<212> DNA  
<213> Oreotragus oreotragus

<220>  
<221> misc\_feature  
<222> (425)..(425)  
<223> unknown

<220>  
<221> misc\_feature  
<222> (431)..(431)  
<223> unknown

<400> 217  
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caacccttac cggattcttt gcctttcact tcactcttcc atttatcatc gcagccctag 180  
ccatagtaca cctactcttt ctccacgaaa cagggtccaa taacccacac ggaatctcat 240  
cagacacaga caaaatccca tttcatcctt attacacaat caaagatata ctaggcgccc 300  
tattactaat tctagcttta ttactcttag tattattcac acctgacctt cttggagacc 360  
cagataacta caccacagca aaccactca acactcccc tcacattaaa ccagaatggt 420  
atttcttatt ngcatatgca atcctacgat caatcccca taaactagga gg 472

<210> 218  
<211> 472  
<212> DNA  
<213> Addax nasomaculatus

<400> 218  
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caacccttac cggatttttc gccttccact ttattctccc ctttattatc gctgcccttg 180  
ccatagtcca tctactcttt ctccacgaaa cagggtccaa caaccctaca ggaatctcct 240  
cagacacaga caaaatccca ttccacctt actataccat taaagacata ttaggcgccc 300  
tactactaat tctagtcctc atactactag tattattcac acccgacctt cttggagacc 360  
cagacaatta taccacagca aatccactta gcacgcccc tcacatcaaa cctgaatgat 420

atttcctatt tgcatacgca attctacgat caatcccca caaactagga gg 472

<210> 219  
<211> 472  
<212> DNA  
<213> Oryx damah

<400> 219  
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caaccctcac c'cgatttttc gccttccact ttattctccc ttttattatc gctgcccttg 180  
ccatagtcca cctactcttt ctccacgaaa caggctccaa caaccctaca ggaatcacct 240  
cagacacaga caaaattccg ttccaccctt attataccat taaagatatc ttaggcgccc 300  
tactactaat cctagccctt atgttgctag tattattcgc acccgaccta cttggagacc 360  
cagataatta tacaccagca aatccactta acacaccccc tcacatcaaa cccgaatgat 420  
atttcctatt tgcatatgcg atcttacgat caatcccca caaactagga gg 472

<210> 220  
<211> 472  
<212> DNA  
<213> Hippotragus equinus

<400> 220  
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caaccctcac ccgattcttc gccttccact ttattcttcc ctttatcatc actgcccttg 180  
ccatagtaca cctactcttt ctccatgaga caggctccaa caaccccaca ggaatttgat 240  
cagactccga taaaaccca ttccaccct actacaccat taaagacatt ctaggcgccc 300  
tactactaat tctagccctc atactactag tactattcgc acccgaccta cttggagacc 360  
cagacaacta tgccccagca aaccactca acacggcccc tcacattaaa cccgaatgat 420  
atTTTTtatt cgcgtacgca attctacgat cgatcccca taagctggga gg 472

<210> 221  
<211> 472  
<212> DNA  
<213> Alcelaphus buselaphus

<400> 221  
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caacccttac	ccgatttttt	gccttccact	tcattcttcc	attcatcatt	gcagcccttg	180
ccatagttca	cctcttattc	ctccacgaaa	caggatctaa	caaccccaca	ggaatctcat	240
cagacgcaga	taaaatccca	ttccacccct	actatacaat	caaggacatt	ctaggcgccc	300
tattactaat	cctagccctc	atactactag	tactattcgc	acccgacctg	ctcggagacc	360
cagacaacta	cacccccgcg	aacccactta	acacaccccc	tcacatcaag	cccgaatgat	420
atttcctatt	tgcatatgca	atcctacgat	caatccctaa	caaactagga	gg	472

<210> 222

<211> 472

<212> DNA

<213> *Sigmoceros lichtensteinii*

<400> 222

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caacccttac	ccgatttttt	gccttccact	tcattctccc	attcatcatt	gcagcccttg	180
ccatagttca	cctcttattc	ctccacgaaa	caggatctaa	caaccccaca	ggaatctcgt	240
cagacgcaga	taaaatccca	ttccacccct	actatacaat	caaggacatt	ctaggcgccc	300
tattactaat	tctagccctc	atactactag	tactattcgc	acccgacctg	ctcggagacc	360
cagacaacta	cacccccgcg	aacccactta	acacaccccc	tcacatcaag	cccgaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caatccctaa	caaactagga	gg	472

<210> 223

<211> 472

<212> DNA

<213> *Beatragus hunteri*

<400> 223

tgccatgagg	acaaatatca	ttctgaggag	caacagtcac	caccaacctc	ctctcagcaa	60
ttccatatat	tggtagaaaac	ctagtccaat	gaatctgagg	aggcttctca	gtagacaaag	120
caaccctcac	ccgatttttt	gctttccact	ttattctccc	atttatcatt	acagcccttg	180
ccatagtcca	cctcttattt	ctccacgaaa	caggatctaa	caaccccaca	ggaatctcgt	240
cagatgcaga	taaaattcca	ttccacccct	actacacat	caaagacatc	ctaggcgccc	300
tactactaat	tctagccctc	atattactag	tactatttgc	acccgacctg	ctcggagacc	360

cagacaacta ccccccgca aaccactta atacaccccc tcacatcaaa cccgaatgat	420
atttcctatt tgcatacgca atcctacgat caatccccaa taaactagga gg	472

<210> 224  
 <211> 472  
 <212> DNA  
 <213> Damaliscus lunatus

<400> 224	
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ttccatacat cggcacaaat ctagtcgaat ggatctgagg gggcttctca gtagacaaag	120
ccaccctcac ccgattcttt gccttcact tcattctccc atttatcatc gtagctcttg	180
ccatagtgc cctcttattc ctccatgaaa caggatctaa caaccccaca ggaatctcat	240
cagatgcgga caaaatcccg ttccaccct actacactat caaagacgcc ctaggggccc	300
tactactaat tctagccctc atactactag tactatttgc acccgacctg ctgggagacc	360
cagacaacta caccctgca aaccactca acacgcccc tcacatcaag cccgagtgat	420
atttcctatt cgcatacgca atcctacgtt cgatccccaa cgagctagga gg	472

<210> 225  
 <211> 472  
 <212> DNA  
 <213> Connochaetes taurinus

<400> 225	
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tcccatacat tggcactaac ctagtcgaat gaatctgagg gggattctca gtagacaaag	120
caacccttac ccgatttttc gccttcact tcattcctcc atttatcatc acagcccttg	180
ctatagtcca tctcctattc ctccacgaaa caggatctaa caatcccaca ggaatttcat	240
ccgacaccga taaaatccca ttccccccct attacacccat caaagacatc ctaggcgctc	300
tattactaat tctagcccta atactactag tactattcgc gcccgattta cttggagacc	360
cagacaacta ccccccgca aatccactca acacaccccc tcacatcaag cccgaatgat	420
atttcctatt tgcatatgca atcctacgat caatccccaa cggactagga gg	472

<210> 226  
 <211> 472  
 <212> DNA  
 <213> Bison bonasus

<220>

<221> misc\_feature  
 <222> (437)..(437)  
 <223> unknown

<400> 226  
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 caacccttac ccgatttttc gctttccact ttatcctccc atttattatc atagcaattg 180  
 ccatagtcca cctactattc ctccacgaaa cagggttctaa caatccaaca ggaatttcct 240  
 cagacacaga caaaattcca ttccaccctt actataccat taaagacatc ctaggagcct 300  
 tattactaat tctaactcta atactactag tactattcgc accggacctc ctcgagagacc 360  
 cagataacta caccacagca aatccactta acacacctcc ccacatcaaa cccgaatgat 420  
 acttcttatt tgcatangca attttacggt caatcccca caaactagga gg 472

<210> 227  
 <211> 472  
 <212> DNA  
 <213> Bos grunniens

<400> 227  
 taccatgagg acaaatatca ttttgagggg caacagtcac taccaacctc ctatcagcaa 60  
 ttccatcatat cggcacaaat ttagtctgaat ggatttgagg tgggttctca gtagacaaag 120  
 caaccctcac ccgattcttc gctttccact ttatcctccc atttattatt acagcaattg 180  
 ccatagtcca cctactattc ctccacgaaa cagggtccaa caatccaaca ggaatctcct 240  
 cagacgcaga caaaattcca ttccaccctt actataccat taaagacatc ttaggagcct 300  
 tattactaat tctagcccta atacttctgg tactattcac acccgacctc ctcgagagacc 360  
 cagacaacta caccacagca aatccactca acacacctcc ccacatcaaa cccgaatgat 420  
 acttcttatt tgcatacgc attttacgat caatcccca taaactagga gg 472

<210> 228  
 <211> 472  
 <212> DNA  
 <213> Bos tragocamelus

<400> 228  
 taccatgagg acaaatatca ttttgaggag caacagttat taccaatcta ttatcagcaa 60  
 tcccatatcat cggcacaaac ctagtctgaat gaatctgagg cgggttctca gtagacaaag 120  
 caaccctaac ccgattcttc gctttccact ttatcctccc attcatcatt gcagccctcg 180

caataatcca tctactcttc ctccatgaaa caggggtctaa caatccaaca ggaatttcat	240
cagacgcaga taaaatccca ttccaccct actacactat taaagacatt ctaggagccc	300
tactacttat tctagcccta ataatactag tactattcgc acccgacctc ctcgagacc	360
cagacaacta caccagca aaccactta gcacacctcc ccatattaag cccgaatggt	420
atttcctggt cgcatagca attctacgat caatcccaa caaactagga gg	472

<210> 229

<211> 472

<212> DNA

<213> Bubalus bubalis

<400> 229

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tcccatacat tgggtacaagt ctgggtgaat gaatttgagg gggattctca gtagacaaag	120
caacctcac ccgattcttc gcatttcaact tcctctccc attcattatc gcaggacttg	180
caatagtcca cctattatct ctccacgaaa caggatccaa caaccaaca ggaatctcat	240
cagacacaga caaatccca ttccaccctt attacaccat taaagacatc ctaggcgccc	300
tactattaat cctagcccta atactattag tactattcgc acccgacctc ctcggggacc	360
cagacaacta caccagca aaccactca acacacctcc ccacatcaag cctgaatggt	420
acttcctatt cgcatagca atcttacgat caattcctaa caaactagga gg	472

<210> 230

<211> 472

<212> DNA

<213> Bubalus mindorensis

<400> 230

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caacctcac ccgattcttc gcatttcaact tcctctccc attcattatc gcagcacttg	180
caatagtcca cctattatct ctccacgaaa caggatccaa caaccaaca ggaatctcat	240
cagacacaga caaatccca ttccaccctt actacaccat taaagacatt ctaggcgccc	300
tgctattaat cctagcccta atactattag tactattcac acccgacctc ctcggggacc	360
cagacaacta caccagca aaccactca acacacctcc ccatatcaaa cctgaatggt	420
acttcctatt cgcatagca atcttacgat cagttcctaa caaactagga gg	472

<210> 231  
<211> 472  
<212> DNA  
<213> *Tragelaphus angasii*

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caaccctaac ccgatttttc gccttccact tcatcctccc gtttattatt acagcgctgg 180  
ttatggtcca cctattatct ctccatgaaa caggatccaa caaccaaca ggaatctcat 240  
cagacataga caaaattcca ttccacctct attacactat caaggacatc ctaggcgccc 300  
tactattaat cctagcccta atagtactag tactattcac acctgacctc ctcgagagacc 360  
ccgacaacta caccacagcg aacccctca atacacctcc ccatatcaaa cctgaatgat 420  
atttctgtt cgcatatgca atcctacgat ctatcccaa caagctagga gg 472

<210> 232  
<211> 472  
<212> DNA  
<213> *Tragelaphus eurycerus*

<400> 232  
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caaccttaac ccgattcttc gccttccact ttatccttcc atttattatt acagcactag 180  
ccatggtaca cctactatct ctccacgaaa caggatccaa caaccaaca ggratctcat 240  
craacataga caaaattcca ttccacctt actacactat taaggacatc ctagggtgccc 300  
tactgctaact cctaactcta atactcctag tactattcgc acccgacctt ctcgagagacc 360  
ccgacaacta caccacagca aacccactca acacaccacc tcatatcaaa cctgaatgat 420  
acttcctatt cgcatatgca atcctacgat caatccctaa taaactagga gg 472

<210> 233  
<211> 472  
<212> DNA  
<213> *Nemorhaedus caudatus*

<400> 233  
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tcccatatat tggcacaaac ctagtcgaat gaatctgagg gggattctca gtagacaaag 120

ctactctcac ccgattcttc gccttccact tcatcctccc atttatcatt acagctactg	180
ctatagtcca cctacttttc ctccatgaga taggatccaa caaccccaca ggtatcccat	240
cagacataga caaaatccca ttccaccctt attatacaat caaagatatt ctaggcgcta	300
tactactaat cctcaccctt attttactgg tattattcac acctgactta cttggagatc	360
cagacaacta taccacagca aaccactca gcacaccccc tcacattaaa cctgaatgat	420
atttcctatt tgcatacgca atcctacgat caatcccca taaactaggc gg	472

<210> 234  
 <211> 472  
 <212> DNA  
 <213> Pseudois nayaur

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ccactctcac ccgattcttc gccttccact tcatcctccc atttattatt atagccctcg	180
ccatagtcca cctacttttc ctccacgaaa caggatctaa caaccccaca ggaatcccat	240
cagacacaga caaaatccca ttccaccctt actacaccat taaagatatt ctaggcgctg	300
cactgctaatt cctcgccctg atattactag tattattttac acccgaccta ctcgagagacc	360
cagacaacta caccacagca aaccactca acacaccccc tcacattaaa cccgagtgat	420
acttcctatt tgcatacgca atcctacgat caattcccaa caagctagga gg	472

<210> 235  
 <211> 472  
 <212> DNA  
 <213> Ammotragus lervia

<400> 235	
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ctactctcac ccgattcttc gccttccact tcatcctccc atttgtaatc gcagccctag	180
ccatagtcca cttacttttc ctccatgaaa cgggatccaa caaccccaca ggaatttcat	240
cagacgcaga caaaatccca ttccaccctt actacaccat caaagatatt ctaggcgcca	300
tgctactaat cctcaccctc aactactag tactattttac acccgatcta ctcggggacc	360
cagacaacta taccacagca aatccactca acacaccccc tcatattaaa cctgaatgat	420
acttcctatt tgcatacgca atcctacgat caatccctaa taaactggga gg	472



<210> 236  
 <211> 472  
 <212> DNA  
 <213> *Capra falconeri*

<400> 236  
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 ccaccctcac ccgattcttc gccttccact ttatcctccc attcatcatt gcaggcctcg 180  
 ccatagtcca cctactcttc ctccacgaaa caggatccaa caatcccaca ggaattccat 240  
 cagacacaga caaaatccca ttccaccctt actacaccat taaagatatc ctaggcgcca 300  
 tactactaat tctcgccctg atgctactag tactattcac acctgaccta ctcgagacc 360  
 cagataacta tatcccagca aatccactca atacaccccc tcatatcaaa cctgagtggg 420  
 acttcctatt tgcatacgca atcctacgat caatcccca caaactagga gg 472

<210> 237  
 <211> 472  
 <212> DNA  
 <213> *Capra ibex*

<400> 237  
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 ccactctcac ccgattcttc gccttccact tcatcctccc attcatcatt acagccctcg 180  
 ccatagtcca cctgctcttc ctccacgaaa cgggatccaa caaccccaca ggaattccat 240  
 cagacacaga caaaatccca ttccaccctt actacaccat taaagatatc ttaggcgcca 300  
 tgctactaat tcttgctcta atattactag tactattcac acccgaccta ctcggggacc 360  
 cagacaacta taccacagca aacccactca atacaccccc tcacattaaa cctgaatgat 420  
 atttcctatt tgcatacgca atcctacgat caattcccaa caaactaggg gg 472

<210> 238  
 <211> 472  
 <212> DNA  
 <213> *Hemitragus jemlahicus*

<400> 238  
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ctaccctaac ccgattcttc gctttccact tcattctccc attcatcatt gcagccctcg	180
ccatagtcca cctgctcttc ctccacgaaa caggggtccaa caaccccaca gggattccat	240
cagatacaga caaaatccca tttcaccctt actacaccat taaagatatt ttaggcgcca	300
tactactaat tcttgtccta atattactag tactatztat acccgaccta cttggagacc	360
cagacaacta taccacgca aatccactca acacaccccc tcacattaaa cctgaatgat	420
atcttctatt tgcatacgcg atcctacgat caattcccaa caaactagga gg	472

<210> 239  
 <211> 472  
 <212> DNA  
 <213> Rupicapra pyrenaica

<400> 239	
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tcccatatcat tggcatagac ttagtcgagt gaatctgagg gggcttctcg gtagacaaag	120
ctaccctcac ccgattcttt gcctttcact tcatcctccc attcatcatt gcagccttag	180
ccatagtcca cctactcttc ctccatgaaa caggatcaaa caaccccaca ggaatcccat	240
cagatgcgga traaatccca tttcaccctt actataccat taaagacatt ctaggcgcca	300
tactactaat cctcaccctt atactactgg tactatztat acctgaccta ctcgagacc	360
cagataacta taccacgcg aacccactca acacaccccc tcacatcaaa cccgaatgat	420
atctcttggt tgcatacgcg atcctacgat caattcccaa caaacttgga gg	472

<210> 240  
 <211> 472  
 <212> DNA  
 <213> Rupicapra rupicapra

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<220>  
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ctaccctcac	cggattcttt	gccttccact	tcctctccc	atttatcatt	gcagccttag	180
ccctagtcca	cctactcttc	ctccacgaaa	caggatctaa	caaccccaca	ggaatcccat	240
cagatgcgga	caaaatccca	tttnaccctt	attataccat	caaagacatt	ctgggcgcca	300
tactactaat	cctcaccctc	atactactag	tactattnac	acctgaccta	ctcgagagacc	360
cagataatta	caccccagcg	aaccactca	acacaccccc	tcacattaaa	cccgagtgat	420
atttcttatt	tgcatacgca	attctacgat	caatccccaa	caaacttgga	gg	472

<210> 241

<211> 472

<212> DNA

<213> *Pantholops hodgsoni*

<400> 241

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ctacccttac	cggattcttt	gccttccatt	tcattctccc	attcatcatc	gcagccctcg	180
ccatagtcca	cctactcttc	ctccacgaaa	caggatccaa	caaccccaca	ggaattccat	240
cagatgcaga	caaaatccca	tttcaccctt	actataccat	taaagacatc	ctaggcgcta	300
tactactaat	cctaactctc	atattactag	tactattttc	acccgaccta	ctcgagagacc	360
cagacaatta	taccccagca	aacccctca	acacaccacc	ccacattaaa	cctgaatggt	420
actttctatt	tgcatacgca	atcctacgat	caatccccaa	caaactagga	gg	472

<210> 242

<211> 472

<212> DNA

<213> *Budorcas taxicolor taxicolor*

<400> 242

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tcccatacat	tggcacaaaac	ctagttgagt	gaatctgagg	aggattctca	gtagacaaag	120
catccctcac	cggattcttt	gcctttcact	tcctctccc	atttatcatc	gcagacctcg	180
ccatagtcca	tttacttttc	ctccacgaaa	caggatccaa	caaccccaca	ggaattccgt	240
cagatgcaga	taaaattcca	tttcaccctt	attacacat	taaagatatc	ctaggagtca	300
tactactaat	cctcgctctc	atgttgctag	tactatttat	acttgacgta	cttgagagacc	360
cagataatta	taccccagca	aatccactca	acacaccccc	tcacatcaaa	cctgaatgat	420

atttcctatt tgcatacgca atcttacgat caatcccca caaactagga gg 472

<210> 243  
<211> 472  
<212> DNA  
<213> Ovis ammon

<400> 243  
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ccaccctgac ccgattcttc gcctttcact ttattttccc attcatcatc gcagccctcg 180  
ccatagtcca cctactcttc ctccacgaaa caggatccaa caacccaca ggaatcccat 240  
cggacacaga taaaattccc ttccaccctt actacaccat taaagacatc ctaggtgcca 300  
tcctactaat cctcacctc atactactag tactattcac gcctgaccta ctcgagagacc 360  
cagacaacta caccacgca aaccactta acactcccc tcacatcaaa cctgaatgat 420  
atttcctatt tgcatacgca atcttacgat caatcccta taaactagga gg 472

<210> 244  
<211> 472  
<212> DNA  
<213> Ovis vignei

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<223> unknown

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 ctaccctcac ccgatttttc gcctttcact ttattttccc attcatcatc gcagccctcg 180  
 ctatagttca cctactcttc ctccacgaaa caggatccaa taaccccaca ggaattccat 240  
 cggacacaga caaaatcccc ttcnnnnnnn nnnnnnnnat taaagacatt ctgggtgcc 300  
 tctactaat cctcactctc atgctgctag tactattcac gcctgactta cttggagacc 360  
 cagacaacta caccacagca aaccactta acactcccc tcacatcaaa cctgaatgat 420  
 atttctatt tgcatatgca atcttacgat caatccctaa taaactagga gg 472

<210> 245  
 <211> 472  
 <212> DNA  
 <213> *Capcornis crispus*

<400> 245  
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 ccaccctcac ccgattcttt gccttccatt tcattctccc attcatcatc acagccctcg 180  
 ccatagtgc cctacttttc ctccacgaaa caggatccaa caaccccaca ggaattctcat 240  
 cagacacaga caaaatccca ttccaccct actacacaat caaagatatc ctaggcacgc 300  
 tgctactaat cctcaccctc atactactag tactgttcac acccgacctc ctggagacc 360  
 cagacaacta cactccagca aaccactca acacaccccc tcacatcaag cccgagtgat 420  
 atttctatt tgcatacgca atcctacgat caatcccaa caaactaggc gg 472

<210> 246  
 <211> 472  
 <212> DNA  
 <213> *Ovibos moschatus*

<400> 246  
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ccaccctcac	ccgatttttt	gcttttctact	ttatctctccc	atttatcatc	gtagccctcg	180
ctatagtaca	tttgctcttc	ctccacgaaa	caggatccaa	caaccccaca	ggaattccat	240
cagacacgga	caaaatccca	ttccaccctt	actatacaat	caaagacatt	ctaggcgcca	300
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cagacaacta	taccccagca	aaccactca	acacaccccc	tcacattaaa	ccagagtgat	420
acttcctatt	tgcatacgca	atcctacgat	caattcctaa	caaactaggc	gg	472

<210> 247

<211> 472

<212> DNA

<213> Oreamnos americanus

<400> 247

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ccaccctgac	ccgattcttc	gccttttctact	ttattttccc	attcatcatc	gcagccctcg	180
ccatagtcca	cctactcttc	ctccacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
eggacacaga	taaaattccc	ttccaccctt	actacaccat	taaagacatc	ctaggtgcca	300
tcctactaat	cctcaccctc	atactactag	tactattcac	gcctgaccta	ctcggagacc	360
cagacaacta	caccccagca	aaccactta	acactcccc	tcacatcaaa	cctgaatgat	420
acttcctatt	tgcatacgca	atcttacgat	caatccctaa	taaactagga	gg	472

<210> 248

<211> 472

<212> DNA

<213> Cephalophus dorsalis

<400> 248

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caactctcac	ccgattcttt	gcttttccact	ttatcttccc	ttttattatt	gcagccctcg	180
ccatagttca	cctactcttc	ctccatgaaa	caggatccaa	caaccccaca	ggagtctcat	240
eggacgcaga	caaaatccca	ttccaccctt	actacaccat	taaagacatc	ctaggcgccc	300
tactactcat	tctagcccta	ataatcctag	tattattctc	acccgactta	cttggagacc	360
cagataacta	caccccagca	aaccactca	acacacctcc	ccatattaaa	cccgaatgat	420

atttcctatt tgcatacgca atcctacgat caattccaaa caaactagga gg 472

<210> 249  
<211> 472  
<212> DNA  
<213> Cephalophus maxwellii

<400> 249  
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caaccctcac tcgatttttc gccttccact ttatcttccc atttatcatc gcagcccttg 180  
ccatagtcca cctactatctc ctccacgaaa caggatctaa taaccccaca ggaatctcat 240  
cagacgcaga caaaatcccg ttccaccctt actacactat caaagacatc ctaggcgccc 300  
tattacttat tctagcccta ataatcctag tactattctc acccgactta ctcgagatc 360  
cagataatta tactccagca aaccactta acacacctcc ccacatcaag cccgaatgat 420  
atttcctatt cgcgtacgca attctacgat caattccaaa taaattagga gg 472

<210> 250  
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<212> DNA  
<213> Alces alces

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caactctaac cggatttttc gccttccact ttattctccc atttatcatc gcagcacttg 180  
ccatagtcca cttacttttc ctccacgaaa caggatccaa caaccaca ggaattccat 240  
cagacgcaga caaaatccca tttcaccctt actacactat caaagatata ttaggtgccc 300  
tactcttaac tcttttcta atactactag tactcttttc accagacctg cttggagacc 360  
cagacaacta cccccagct aatccactca acacacccc tcatattaag cctgaatggt 420  
atttcttatt tgcatacgca attctacgat caatcccaa taaactaggg gg 472

<210> 251  
<211> 472  
<212> DNA  
<213> Hydropotes inermis

<400> 251  
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ctaccctgac	ccgattcttc	gccttccact	tcattcttcc	atttatcatt	gcagctcttg	180
ccatagtgca	cttacttttt	ctccacgaaa	caggatccaa	taaccaaca	ggaattccat	240
cagatgcaga	taaaattcca	tttcatccct	actacaccat	taaagatatt	ctaggtgtac	300
tccttcta	at	atggttattag	tcctatcttc	acctgacctg	cttggagacc	360
cagacaatta	tactccagca	aaccctactca	atacaccccc	tcacattaaa	ccagaatgat	420
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<210> 252  
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 <212> DNA  
 <213> Muntiacus muntjak

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caaccctcac	ccgattcttt	gccttccact ttatcctccc atttattatt gcagcacttg 180
ctatagtcca	cctacttttc	ctccacgaaa caggatccaa caatccaaca ggaattccat 240
cagatgtaga	caaaattcct	ttccatccct actataccat taaagatatt ttaggtgccc 300
tacttcta	at	atattattag tattattcgt accagacctg ctcggagacc 360
ccgacaatta	tacccagca	aaccctactca atacaccccc tcacatcaag cctgaatgat 420
atttcctatt	tgcatacgct	attctacgat caattcctaa caaactagga gg 472

<210> 253  
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 <212> DNA  
 <213> Cervus elaphus kansuensis

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caacccta	ccgatttttc	gctttccact ttattctccc atttatcatc gcagcactcg 180
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cagacgcaga	caaaatcccc	ttccatcctt actataccat taaagatatc ttaggcattc 300
tacttctagt	actcttccta	atattactag tattattcgc accagacctg cttggagacc 360

cagacaacta taccccagca aatccactca atacaccccc tcacattaaa cctgaatgat 420  
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<210> 254  
 <211> 472  
 <212> DNA  
 <213> Cervus elaphus xanthopygus

<400> 254  
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 caaccctaac ccgatttttc gctttccact ttattctccc atttatcatc gcagcactcg 180  
 ctatagtaca cttactcttc cttcacgaga caggatccaa taaccaaca ggaattccat 240  
 cagacgcaga caaaatcccc ttccatcctt actataccat taaagatatc ttaggcatct 300  
 tacttctagt actcttctta atattactag tattattcgc accagacctg cttggagacc 360  
 cagacaacta taccccagca aatccactca acacaccccc tcacattaaa cctgaatgat 420  
 atttcctatt tgcatacgca atcctacgat cgattcccaa caaactagga gg 472

<210> 255  
 <211> 472  
 <212> DNA  
 <213> Cervus elaphus canadensis

<400> 255  
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 caaccctaac ccgattcttc gctttccact ttattctccc atttatcatc gcagcactcg 180  
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 tacttctaact actcttctta atattactag tattattcgc accagatctg cttggagacc 360  
 cagacaacta taccccagca aatccactca acacaccccc tcacattaaa cctgaatgat 420  
 atttcctatt tgcatacgca atcctacgat caattcccaa caaactagga gg 472